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**1881 GOLDEN ANNIVERSARY 1931**

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**"DEPENDABLE"**

**SEEDS—FEEDS**

**POULTRY and FARM SUPPLIES**

**FARM and GARDEN GUIDE**

**MARKET GARDENERS' PRICES**

**1931**

**CASSEL'S SEED STORE**

**FOUNDED 1881**

**F. P. Cassel's Son**

**W. MAIN STREET**

**LANSDALE, PA.**

**Phone 123**

**50 YEARS DEPENDABLE SEED SERVICE**

Our postpaid prices and quick service make this catalog of real value in savings and convenience to you, and places our store in a position to serve you, as if we were located at your mail box, postoffice, or freight station.

## To Our Customers

We select our Seeds with great care for both our customers' and our own interests. We endeavor to supply only those Seeds that are of highest quality and germination, coming from most reliable Seed growers, having been grown under careful supervision. We offer varieties that from tests by growers and reports from our customers have been found to give the most desirable results.

Most of the failures of Seeds, Plants, and Bulbs are due to various causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, fertilizing, cultivation, etc., which renders it impossible for us to guarantee successful results; and all our Seeds are sold with the understanding that, if purchaser does not accept Seeds on these terms, they shall be returned to us at once, and amount paid will be refunded.

**DISCLAIMER**—F. P. Cassel's Son gives no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs, roots or plants he sells and will not be responsible for the crop.

**TERMS:** Our terms are strictly cash with order. Remittance may be made by Postal Money Orders, Stamps, Registered Letter, or personal check. Where personal check is received from unknown parties, same will be cashed before order is executed. All bags and packages are included on Seeds and Feeds without extra charge. All prices are subject to change, unsold, confirmation. We reserve the right to limit quantities when for any reason this is necessary.

**Regular Business Hours**—7 A. M. to 6 P. M., except Saturday, when store closes at 12 o'clock noon. For the convenience of our customers during the months of MARCH, APRIL and MAY store is open on SATURDAY AFTERNOONS until 4.30.

During the summer months while Daylight Saving is in effect, we operate on the Daylight Saving Schedule.

## CASSEL'S SEED STORE

**F. P. Cassel's Son—Lansdale, Pa.**

**(S. H. CASSEL)**

Errors and Omissions Excepted

February 25, 1931

### CASSEL'S DEPENDABLE

#### SEEDS—POULTRY and FARM SUPPLIES—FEEDS

Are sold on a "money back plan." If any merchandise you buy from us does not please you—return it within five days, and amount paid will be refunded.

# **Our Fiftieth Anniversary**

**1881 — 1931**

For half a century Cassel's Seed Store has been faithfully serving its patrons. Founded in 1881 by Franklin P. Cassel, we have five decades of experience which have shown us that satisfaction comes to us when, and only when, our esteemed customers are satisfied.

Our motto is "Dependable Quality, Service and Price," and through the years we have earnestly striven to live up to this ideal, and we have been rewarded in that, we believe, we have the confidence of our many customers, which is proven by the continuous patronage with which they have favored us through the years. In few lines of business activity is confidence so vital between buyer and seller as in the Seed Business.

Now we are celebrating our fiftieth year of service, the golden year. Our qualities we cannot improve, for we have always, from the foundation of our organization, sold the best. We have always tried to give the best in service, and this year shall be no exception—better if we can make it so. Prices we have always tried to make consistent with the high quality we offer, and this year we have guarded carefully in having our prices revised to the last minute owing to the rapidly changing market and economic conditions, and, we believe, our prices will meet any reliable competition.

In addition to our full line of Vegetable Seeds we have this season enlarged our descriptions of Flower Seeds, and the prices on larger quantities than packets should be attractive to home flower growers and florists. Look over our Flower pages, 28 to 33.

We take this opportunity to thank our many friends for their generous patronage in the past. We solicit your further orders with the assurance that you will receive seeds of the highest quality.

We trust you will find this Fiftieth Anniversary Catalog interesting, instructive and profitable, and that prices will be attractive so that we may be favored with your orders, which, we assure you, shall receive our best care and attention.

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**For the Convenience and Economy of Our Customers**

**For Season 1931**

**WE PAY POSTAGE OR FREIGHT**

**On Any Quantity**

**Vegetable and Flower Seeds, Red Clover, Alsike, Alfalfa,  
Sweet Clover, Lawn Grass Seed, Sudan Grass, Red Top,  
Crimson Clover, Canadian Field Peas, Vetch, Sorghum, Dwarf  
Essex Rape, Nitragin and Compressed Air Sprayers.**

To any Freight Station or Post Office, our option, in Pennsylvania, New Jersey, Delaware and Maryland

**When Remittance Is Enclosed With Order.**

**Prices on Asparagus Roots, Onion Sets and all other Merchandise named herein, except where noted, are F. O. B. Lansdale. Bags Free.**

For our customers' convenience, we have provided an order sheet in the back of Catalog. Mail and phone orders will receive our prompt and careful attention.

## ASPARAGUS SEED

Culture—1 oz. should produce about 400 plants.

Sow early in spring about 1 inch apart in rows 2 ft. apart and cover lightly. Keep free from weeds and reset in fall or following spring.

**BARR'S MAMMOTH**, Green Sprout; **PALMETTO**, Green Sprout; **GIANT ARGENTEUIL**, White Sprout.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

**MARY WASHINGTON**, Dark Green Sprout.

Pkt., 10c; oz., 18c; 2 oz., 30c; 4 oz., 50c; 8 oz., 80c; lb., \$1.40.

## ASPARAGUS ROOTS

Market is variable, prices subject to change.

Culture—5000 roots to 1 acre. 100 per 100 ft. row.

Plant early in spring. Select good loamy soil. Cultivate deep. Dig trench 12 to 15 inches deep. Fill in with bone, stable or other good manure to within 10 inches of top. Cover with 2 inches ground, set roots 12 to 15 inches apart and fill in to top of trench. Place rows in garden 2 ft. apart. in field culture, 4 ft. apart.

**WASHINGTON**—A rust-resisting asparagus recently introduced, which is highly recommended and may largely replace older varieties. A heavy yielding variety with long thick, heavy stalks, closely folded at the tips. Does not open out or begin to sprout until well out of the ground. Color, rich, dark green.

Per 1000, \$12.00; 500, \$6.50; 100, \$1.70; less than 100 @ 2c each.

**PALMETTO**  
**BARR'S MAMMOTH**  
**GIANT ARGENTEUIL**

Per 1000, \$10.00; 500, \$5.50; 100, \$1.60; less than 100 @ 2c each.



**Asparagus Buncher—\$3.95**

**Asparagus and Celery Tape**

Red and Blue. Fast colors. 1000 yard spool. Light weight, \$1.70; Heavy, \$2.85.

**Asparagus Twine Jute**

Many ends, cut to size as wanted. Lb., 30c.



Washington Asparagus

**Salt For Asparagus**

100 lbs., \$1.25; ton, \$24.00.



**ASPARAGUS KNIVES**

V Shaped Blade—55c

## BROCCOLI

Is similar to and culture is same as Cauliflower.

**ITALIAN GREEN SPROUTING**—Pkt., 10c; oz., 75c; 4 oz., \$2.40; lb., \$8.00.

## BRUSSELS SPROUTS

Culture—Same as cabbage, which it resembles, the edible part being the numerous small heads or sprouts formed on the stalk at each joint. Plant about May 15th.

**LONG ISLAND**—Pkt., 10c; 1/2 oz., 17c; oz., 25c; 4 oz., 85c; 8 oz., \$1.55; lb., \$2.90.

**We give prompt, careful attention to all phone or mail orders.**

## BEETS

**Culture**—2 oz. to 100 ft., 5 to 6 lbs. to acre.

Plant in light, rich, well-worked soil as early in Spring as ground will permit, in rows from 12 to 24 inches apart, about  $\frac{1}{4}$  inch deep. For main crop sow early in May and for winter use sow in June. Thin out to 3 inches apart. To grow smooth beets fresh manure should be avoided.

**CASSEL'S FAVORITE EARLY**—A special selection of Crosby with smaller top and tap root, uniform. Very dark red with little tendency to zoning. An excellent variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.20.

**EARLY ECLIPSE**—A desirable variety for either market or home gardens. Rapid growth, excellent globe-shaped form, small tops, medium size, bright red or crimson flesh, fine grained and of a delicious flavor. Matures for use in 40 to 45 days.



Cassel's Favorite Beet

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**DETROIT DARK RED**—An excellent medium early or main crop variety for home or market gardeners and for canning purposes. Roots uniformly smooth, of medium size, globe shaped. Skin dark red, flesh solid, rich blood red, sweet, tender and delicious. The tops are small, dark green shaded with red, and of upright growth, thus allowing planting in close rows, a valuable feature where space is limited. Fine for market bunching. Matures for use in 48 to 52 days.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.10.

### YELLOW TABLE BEET

Globe shape, sweet, tender and delicious. Seed is difficult to obtain.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 60c; 8 oz., \$1.00.

### CROSBY'S EGYPTIAN HALF LONG BLOOD CRIMSON GLOBE BASSANO

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

## MANGLE BEETS FOR FEEDING

**Culture**—2 oz. to 100 ft.; 5 to 6 lbs. to acre.

Sow early in May in rows 2 to 3 ft. apart. Seed should be dropped 2 inches apart. Cover with 1 inch of soil. Later thin out to stand 9 to 15 inches apart.

**MAMMOTH LONG RED**—Attains very large size, producing 30 to 50 tons to the acre. Roots long and uniformly round, light red, growing well above the ground. Flesh rose colored and white.

Oz., pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 32c; lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50.

**GOLDEN TANKARD**—Roots large, long and round in shape, narrowing abruptly at both ends. Skin deep orange yellow. Flesh is yellow zoned with white. Neck and top are small. Sweet and productive.

Oz., pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 32c; lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50.

## BROOM CORN

**Culture**—Sow in drills 3 ft. apart about 8 lbs. to acre, thinning out stalks to stand 8 to 10 inches apart in the row. Cultivate like corn. Cut when seed is in the milky state.

$\frac{1}{2}$  pt., 12c; pt., 20c; qt., 35c; 2 qt., 65c; 5 lbs., 95c; 10 lbs., \$1.80.

## PLANTABBS—

Odorless plant food in tablet form for potted and outdoor plants and flowers. 25c, 50c and \$1.00 pkgs.

OUR POSTPAID PRICES MAKE ORDERING BY MAIL EASY

USE



TO INOCULATE

Culture—1 pt. to 100 ft.; 1 bu. per acre.

A succession of plantings can be made from May 1 to August 1. Plant in rows or drills 18 to 24 inches apart, 2 inches deep and beans about 2 inches apart.

## BEANS

### Dwarf Wax Pod Varieties



Cassel's Favorite Round Pod Wax Beans

NOTE—Our prices per quart are equal to about 2 lbs.

**CASSEL'S FAVORITE ROUND POD WAX (Brittle Wax)**—An excellent early round podded stringless variety of highest quality, maturing early, prolific. Pods 5 to 6 inches long and of a light yellow wax-like color. Seed white with a brownish-black eye. This is our leading wax bean and will please the most critical trade. Matures for use in 45 to 50 days.

½ pt., 22c; pt., 38c; qt., 68c; 2 qt., \$1.25; 4 qt., \$2.30; 15 lbs., \$3.90; 25 lbs., \$5.75; 50 lbs., \$11.00; 100 lbs., \$21.00.

**EARLY PROLIFIC WAX**—An extra early wax variety of highest quality, semi-round stringless, very fleshy. Pods 6 to 6½ inches long, uniformly curved, brittle. Plant vigorous and productive. Color of pod, bright yellow. Seed, amber. Matures for use in 40 to 45 days, about one week earlier than our Favorite Round Pod Wax.

½ pt., 20c; pt., 35c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.25; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

**DELICIOUS BLACK WAX (Pencil Pod)**—Pods round, nearly straight, 6 to 7 inches long, rich yellow, stringless, tender and of highest quality. Plant healthy and prolific. Matures early.

½ pt., 20c; pt., 35c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.25; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

#### UNRIVALLED WAX

#### WEBBER'S WAX

½ pt., 20c; pt., 35c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.25; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

For planting information, refer to guide on inside of back cover.



## BEANS—Continued

### Dwarf Green Poddled Varieties

Bean Prices Are  
Postage or Freight  
Prepaid—See Page 1

**GIANT STRINGLESS GREEN POD**—Most desirable of the green podded varieties. Pods 5 to 6 inches long, round stringless, brittle and very fleshy, early, hardy and of high quality. Matures for use in 40 to 45 days.

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**BOUNTIFUL**—Most productive flat green podded stringless type. Vigorous and disease resistant. Pods 6 inches long, broad, thick, very brittle, light green in color. Matures for use in about 50 days.

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**STRINGLESS RED VALENTINE (Special)**—A new introduction that has the desirable quality without the objectionable string of the old type Valentine variety. More productive.

1/2 pt., 25c; 1 pt., 45c; qt., 80c; 2 qt., \$1.50; 4 qt., \$2.80; 15 lbs., \$4.95.

#### DWARF HORTICULTURAL (Italian Bean)

1/2 pt., 22c; pt., 38c; qt., 68c; 2 qt., \$1.25; 4 qt., \$2.30; 15 lbs., \$3.90; 25 lbs., \$5.75; 50 lbs., \$11.00; 100 lbs., \$21.00.

### Winter Shelling Dwarf

Culture—Same as Wax Beans except they should not be planted until after June 20th to avoid weevil.

**WHITE NAVY or PEA BEAN**  
**WHITE KIDNEY**

**LARGE WHITE MARROW**  
**RED KIDNEY**

1/2 pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.90; 15 lbs., \$3.15; 25 lbs., \$4.50; 50 lbs., \$8.50; 100 lbs., \$16.00.

USE



TO INOCULATE

### Pole or Running

Culture—Similar to Pole Limas.

**GOLDEN CLUSTER WAX**—An excellent pole wax podded variety. Vigorous, hardy and productive. Pods 6 1/2 to 7 inches long, straight, broad and flat, very fleshy, attractive and high quality. Color light waxy yellow. Bean white, oval shaped. They remain in condition for use a long time. Mature for use in about 70 days.

1/2 pt., 22c; pt., 38c; qt., 68c; 2 qt., \$1.25; 4 qt., \$2.30; 15 lbs., \$4.00; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.

**KENTUCKY WONDER or OLD HOMESTEAD (Green Pod)**—The most desirable green podded climbing or corn-hill bean. Pods 8 to 9 inches long, slender, decidedly curved, tender, of good quality and productive. Mature for use in 65 to 70 days.

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**HORTICULTURAL (Green Pod)**

**LAZY WIFE (Green Pod)**

**KENTUCKY WONDER WAX**

**CASE KNIFE (Shelling Beans)**

**IDEAL MARKET (Green Pod)**—Early and Productive.

1/2 pt., 22c; pt., 38c; qt., 68c; 2 qt., \$1.25; 4 qt., \$2.30; 15 lbs., \$4.00; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.

**Allheart Heading Lettuce for spring and summer—solid, tender. See page 15.**

## BUSH LIMA BEANS

USE

Our Bean Prices Are  
Postage or Freight  
Prepaid—See Page-1



to Inoculate Lima Beans

Culture—1 pt. to 100 ft. row; 1 bu. per acre.  
Plant after May 20 in rows 2 to 3 ft. apart and place bean with eye down 6 inches apart in the row. Cover with about 1 inch soil.

NOTE—Our prices per quart are equal to about 2 pounds.

**FORDHOOK BUSH LIMA**—A most excellent variety of highest quality. Pods about 5 inches long, containing 4 to 5 large, oval-shaped, very thick beans. Produces beans in clusters and plants are of a strong upright growth, preventing rotting during wet weather. Mature for use in 70 to 75 days. Have a distinctive mealy taste.

1/2 pt., 23c; pt., 40c; qt., 75c; 2 qt., \$1.40; 4 qt., \$2.60; 15 lbs., \$4.65; 25 lbs., \$7.00; 50 lbs., \$13.50; 100 lbs., \$26.00.

**IMPROVED BUSH LIMA**—Bean is large and thick. Pods measure 5 to 6 inches long, are strong and vigorous, producing attractive pods in clusters and are of a delicious flavor. Productive and more hardy for early planting than some types, being less likely to rot in cold weather.

1/2 pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.35; 25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

**HENDERSON BUSH**—Small flat bean.

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.15; 4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

## POLE LIMA BEANS

Culture—1 qt. to 150 hills.

Plant after May 20th in rich, loamy soil. The germ is delicate and the ground should be warm. Set poles 3 ft. apart each way. Plant 4 beans to a hill, eye of bean down. Cover with 1 or 2 inches soil.

**GIANT GREEN PROLIFIC**—Most desirable of the flat pole limas. Large pods about 6 to 7 inches long, borne in clusters. Of excellent quality.

1/2 pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.40; 15 lbs., \$4.05; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.

**DREER'S IMPROVED or CHALLENGER**—Plants vigorous, hardy and productive. Pods contain 4 to 5 thick medium size light green beans. Also known as Potato Lima. Produces more shelled beans than the flat podded sorts. Continue to produce for a long time.

1/2 pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.20; 25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

**KING OF THE GARDEN**

1/2 pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.40; 15 lbs., \$4.05; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.



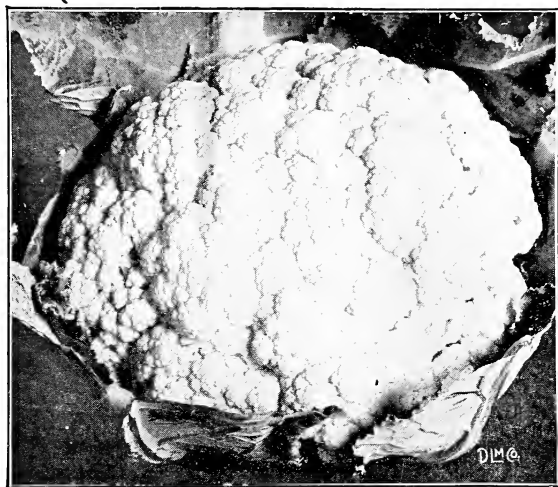
Fordhook Bush Lima

For better results Inoculate Peas and Beans with Nitragin—See page 43.

## CAULIFLOWER

**Culture**—1 oz. should produce 2000 plants.

May be grown both early and late. For early crop, sow in hotbeds, January or February and transplant after freezing weather. For late crop, sow in May or June. Set plants 24 to 36 inches apart each way. Fertilize with light dressing of Nitrate of Soda and Potash.



Snowball Cauliflower

**SNOWBALL**—The finest and most popular early variety, producing heads of good size, firm, compact, solid and very white, with few short outside leaves.

Pkt., 10c and 20c;  $\frac{1}{4}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.25; oz., \$2.35; 4 oz., \$7.75; lb., \$24.00.

**DRY WEATHER**—Large, medium early variety producing compact heads. Has remarkable heat-resisting qualities. Desirable for growing in dry locations.

Pkt., 10c and 20c;  $\frac{1}{4}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.25; oz., \$2.35; 4 oz., \$7.75; lb., \$24.00.

## CHINESE or CELERY CABBAGE

**Culture**—Grows like Cos Lettuce. Sow seed like Cabbage in February in hotbeds or main crop early in July. Will not stand frost.

**CHIH LI**—Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 55c; 4 oz., \$1.00; lb., \$3.50.

## CORN SALAD

**Culture**—1 oz. to 100 ft. row.

For summer use, sow early in spring; for winter and spring use, sow in August and September. Rows about 1 ft. apart. Use same as Lettuce or Spinach.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 80c; lb., \$1.40.

USE

**WIZARD** Sheep Manure  
TRADE BRAND MARK

**FOR VEGETABLES,  
FLOWERS, BULBS**

Bye Bye Black Bird keeps Pheasants and Crows from pulling Corn--See page 41.

## SWISS CHARD

Culture—1 oz. to 60 ft.

Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.



Swiss Chard

## CARROTS

Culture—1 oz. to 100 ft. row; 4 lbs. to acre.

Seed may be sown early in spring as soon as the weather will permit and may be continued until middle of July. For main crop, sow during May. Thin out plants to 5 or 6 inches apart. Rows should be 18 to 24 inches apart.

**IDEAL CORELESS**—A new early variety of highest quality, free from woody heart or core. Deep orange color and exceptionally smooth. Size 6 in. by 1½ in. Crisp and sweet.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 55c; 8 oz., 95c; lb., \$1.75.

**DANVER'S HALF LONG**—The best medium early main crop variety. Roots 6 to 8 inches long, tapering to a blunt end. Deep orange, tender and of excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**EARLY OXHEART**  
**CHANTENAY** (Similar to Danver's).

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**WHITE BELGIAN and YELLOW BELGIAN**

Oz. Pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 50c; lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00.

**LUCULLUS**—An improved type, upright growth, leaves yellowish-green, much crumpled and curled. Mid-rib and veins white. Stalks thick, broad and flat.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.00.

**FORDHOOK GIANT**—As good as Spinach—yields all summer long. Fordhook Giant is an outstanding new Swiss Chard. The rich blue-green leaves are much crinkled or savoyed, and when fully grown, average 10 in. in width by 2½ ft. in length. The texture of the leaves is thick and fleshy, and their quality is highly appreciated when they are boiled. The stems or stalks are pearly white, and they measure 2½ in. in width. They are thick and succulent and may be served as a separate dish in the same manner as Asparagus. Swiss Chard is one of the great health-giving greens.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.30.



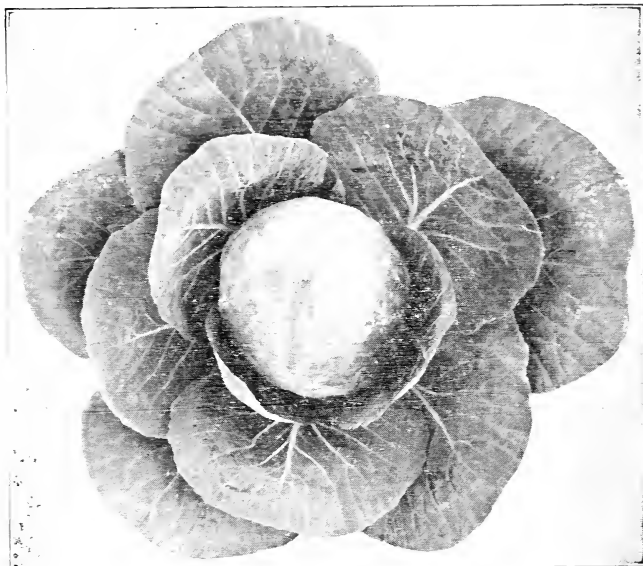
Ideal Coreless Carrot

**Try the new, meaty and delicious Oxheart Tomato. See page 26.**

## CABBAGE

Culture—1 oz., for 2000 plants; 4 to 6 oz. for plants for 1 acre

Early varieties should be sown in hotbeds in February. Set out early in April, weather permitting, in rows about 2 ft. apart and 18 to 24 inches between the plants in the row. Early crop should mature in July. Plant second early varieties in April and set out in May, which mature in August and September. For late fall and winter use, plant in May and June, set out in July and crop matures in October and November. To prevent green worms and bugs on Cabbage, use Slug Shot. For aphids, or lice, use Tobacco Dust or Nicotine Sulphate. Tobacco powder mixed in ground will help overcome the cut worms and stem borers.



Golden Acre Cabbage

**GOLDEN ACRE**—A new special extra early selection of Copenhagen type and the earliest of the round-headed cabbages. Plant dwarf and compact with few outer leaves. Heads of medium size, round as a ball, hard, solid, and very uniform. About 10 days earlier than Copenhagen, making it a very valuable sort.

Pkt., 10c;  $\frac{1}{4}$  oz., 20c;  $\frac{1}{2}$  oz., 30c; oz., 45c; 2 oz., 80c; 4 oz., \$1.45; 8 oz., \$2.50; lb., \$4.50.

**COPENHAGEN MARKET**—The best extra early variety. Very fine quality. Stems short, heads large, uniform, round and very solid with few outer leaves. Of an upright growth. Heads average about 8 to 10 lbs. Will stand a long time without bursting.

Pkt., 10c;  $\frac{1}{2}$  oz., 22c; oz., 35c; 2 oz., 65c; 4 oz., \$1.15; 8 oz., \$1.95; lb., \$3.50.

**HOLLANDER or DANISH BALL HEAD (Short Stem)**—One of the very best leading hardy winter sorts. Heads large, round and very solid. Fine keeper. Excellent quality. Strong growth.

Pkt., 10c;  $\frac{1}{2}$  oz., 22c; oz., 35c; 2 oz., 65c; 4 oz., \$1.15; 8 oz., \$1.95; lb., \$3.50.

**WINNINGSTADT**

**LATE DRUMHEAD**

**HOUSER**

**DRUMHEAD SAVOY**

**LATE FLAT DUTCH**

**RED DUTCH**

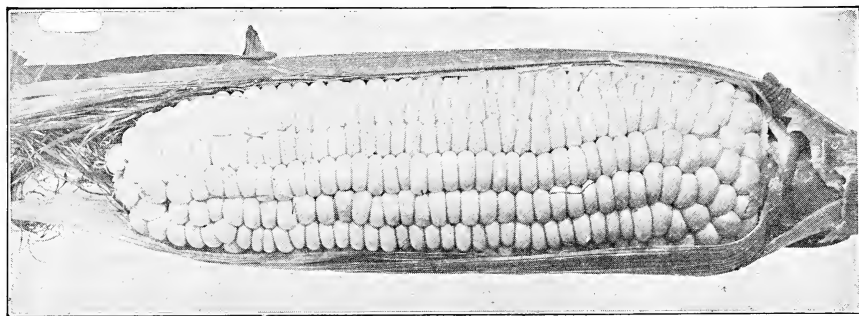
**EARLY JERSEY WAKEFIELD**

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 80c; 8 oz., \$1.40; lb., \$2.50.

Use Slug Shot for Cabbage and Currant Worms. Non-poisonous. See page 46.

Our Corn Prices Are  
Postage or Freight  
Prepaid—See Page 1

## **CORN (Sweet or Sugar)**



**Cassel's New Wonder Corn**

**Culture**—1 qt. for about 600 ft.; 6 to 8 qts. per acre.

Plant early varieties as soon as soil is in good condition, late varieties from May 20th to July 4th, in rows about 3 ft. apart. Thin out to stand 12 inches apart in row. The early varieties often prove more profitable on account of the scarcity and high price in early season even though ears are not so large. We advise planting 3 to 5 varieties at one time and Corn will then mature in succession. Soil should be well manured and freely cultivated. We recommend the following succession planted at one time: Cassel's New Wonder, Howling Mob, Early Mammoth, Cassel's Favorite and Dependable Evergreen.

### **EARLY VARIETIES**

**CASSEL'S NEW WONDER**—Extra Early (see illustration)—Our leading extra early variety, ready for use in about 60 days. Grains deep, rows straight, stalks 5 to 6 ft. high, of unusual vigorous growth. Often two ears to the stalk. Ears 8 inches long, rather blocky in form, 16, 18 and often 20 rowed; filled to the end, with rather narrow, deep, wedge-shaped grains of silvery whiteness and high sugar content. This corn has met with unusual favor and praise from our customers. We recommend it very highly. Of special value to market gardeners.

½ pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lb., \$22.00.

**CASSEL'S GOLDEN DELICIOUS**, Extra Early—A remarkable yellow sweet corn of much merit. While the stalks grow 6 ft. or more in height and the 14-rowed ears are 7 to 8 inches in length, this variety matures about 3 days earlier than Golden Bantam. Kernels are broad, deep, and of excellent quality.

½ pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lbs., \$22.00.

#### **GOLDEN BANTAM.**

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60; 8 qt., \$2.85; 25 lbs., \$5.25; 50 lbs., \$9.50; 100 lbs., \$18.00.

**HOWLING MOB**—One of the finest second early, 65-day corns. Ears are 9 to 10 inches long, 16-rowed, white, and of fine quality. Very productive.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.65; 8 qt., \$3.10; 25 lbs., \$5.75; 50 lbs., \$10.50; 100 lbs., \$20.00.

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**Use Ideal Coreless Carrot. Tender, excellent flavor. See page 8.**

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## **CORN—Continued**

Sweet Corn Crop Unusually Short. Prices subject to change.

### **MEDIUM EARLY VARIETIES**

**CASSEL'S FAVORITE**—While this variety is not as early as our New Wonder, it is our preference above all other table corn for general crop. Good size ears with very thin cob, especially sweet and of highest quality, remaining in a continuous edible milky condition for a longer period than other corns. Usually produces two or three ears to stalk. We believe it unequalled for quality. It is the slowest corn to harden that we know of.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 8 qt., \$4.00; 25 lbs., \$7.00; 50 lbs., \$13.00; 100 lbs., \$25.00.

**EARLY MAMMOTH**—A medium early Corn, about 70 days. Ears 8 to 9 inches long, 14-row, broad, tender and sugary. Medium deep grain. A ready seller for market gardeners.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60; 8 qt., \$2.85; 25 lbs., \$5.25; 50 lbs., \$9.50; 100 lbs., \$18.00.

**COUNTRY GENTLEMEN** (Sometimes called Shoepeg)—An especially fine quality Corn. Ears 7 to 8 inches long, small cob, deep, slender white grains running zigzag without row formation. About 75 days.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 8 qt., \$4.00; 25 lbs., \$7.00.

**EARLY EVERGREEN**—Similar to Stowell's; about 10 days earlier. Quality good.

½ pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lb., \$22.00.

**WHITE EVERGREEN**—Similar to Stowell's with a more pearly white grain.

½ pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lb., \$6.25; 50 lb., \$11.50; 100 lb., \$22.00.

**BLACK MEXICAN.**

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10.

### **LATE VARIETIES**

**CASSEL'S DEPENDABLE EVERGREEN** (Narrow Grain)—A splendid high quality evergreen, slightly earlier than Stowell's. About 75 days. Large ear with small cob, having 18 to 20 rows of very deep, narrow white grains. We believe it is the most desirable canning variety.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.65; 8 qt., \$3.10; 25 lbs., \$5.75; 50 lbs., \$10.50; 100 lbs., \$20.00.

**STOWELL'S EVERGREEN**—The standard and best known sweet corn. Long ears with deep, broad, sweet grains. Of high quality and much in demand.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.65; 8 qt., \$3.10; 25 lbs., \$5.75; 50 lbs., \$10.50; 100 lbs., \$20.00.

**LATE MAMMOTH**—Ears very large, filled to the tip with pure white sugary grains; very tender and sweet.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 8 qt., \$4.00; 25 lbs., \$7.00.

## **POP CORN**

WHITE RICE  
JAPANESE RICE

GOLDEN QUEEN  
RED BEAUTY

4 oz., 10c; 8 oz., 15c; lb., 25c

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Matchless Market Gardener's Fertilizer produces pleasing results. See page 44.

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## CELERY

Culture—1 oz. for 4000 plants.

Plant early in hotbed or open ground, providing moist, loose or sandy soil. Ground should be kept moistened. It will be found convenient to lay boards of 3 or 4 inches width and about 1 inch apart, planting seeds between the boards. This will keep a constant moisture and prevent weeds from choking out the plants when small. After Celery is 2 or 3 inches high, remove boards and transplant or reset in trench 6 to 9 inches deep. Well-rotted manure in the bottom of trench, covered with ground, will be of advantage. When plants are half grown, a weak application of Nitrate of Soda in water will force growth. Set plants 6 to 8 inches apart. To bleach, gradually hill up the stalks, taking care that no earth falls into the hearts.

**IMPROVED WHITE PLUME**—An excellent early variety, easily blanched. A beautiful silvery-white color. A popular variety for first early market.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 85c; 8 oz., \$1.50; lb., \$2.85.

**EASY BLANCHING**—A new variety resembling Golden Self-Blanching except the leaves are green, and stalks blanch white instead of yellow. It is more hardy and less liable to blight. Stocky of growth and of medium height. Excellent winter keeper as well as for early use. Of high quality.

Pkt., 10c; ½ oz., 35c; oz., 60c; 2 oz., \$1.10; 4 oz., \$1.95; 8 oz., \$3.65; lb., \$7.00.



Cassel's Favorite Celery

**CASSEL'S FAVORITE**—Plants dwarf and stocky with large, full, light yellow hearts. Stalks are thick, almost round, of a rich yellow color, and very crisp. Very tender and too brittle for shipment to distant markets. Is considered unsurpassed for its rich, nutty flavor. A superior variety for fall and winter use.

Pkt., 10c; ½ oz., 40c; oz., 70c; 2 oz., \$1.25; 4 oz., \$2.30; lb., \$8.00.

**DWARF GOLDEN SELF-BLANCHING**—Considered the finest early celery. Compact, stocky, with yellowish-green foliage. Stalks solid, of a fine nutty flavor. Attains good size. Blanches a uniform golden-yellow color.

Pkt., 10c; ½ oz., 35c; oz., 60c; 2 oz., \$1.10; 4 oz., \$1.95; lb., \$7.00.

**GOLDEN PLUME or WONDERFUL**—Resembles Golden Self-Blanching in appearance, crispness and fine nutty flavor, though somewhat earlier, larger and of ranker growth. Blanches quickly with a full heart and rich, golden-yellow color. Apparently more disease resistant than other yellow celeries. A very desirable sort.

Pkt., 10c; ½ oz., 60c; oz., \$1.10; 2 oz., \$2.00; 4 oz., \$3.75; 8 oz., \$6.50; lb., \$12.00.

### GIANT PASCAL

### SWEET NUT

### WINTER QUEEN

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 85c; 8 oz., \$1.50; lb., \$2.85.

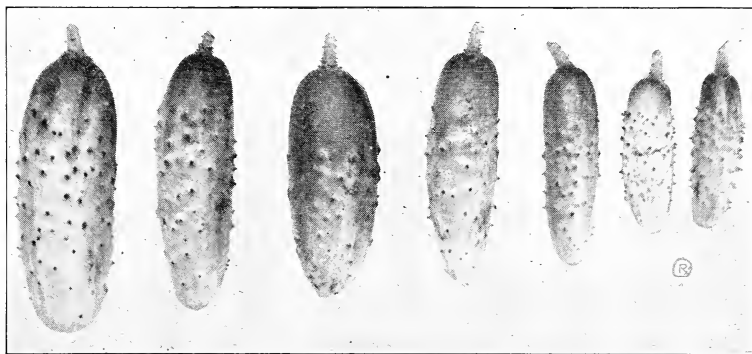
Royal Brooders save Chicks. They are priced low. See page 50.



## CUCUMBER

**Culture**—1 oz. to 50 hills; 2 lbs. to 1 acre.

Plant in warm, moist, rich, loamy ground as soon as weather is favorable. Plant in hills about 4 ft. apart each way. Mix well-rotted manure with soil. Plant thick on account of insects destroying the young plants. Dust with Slug Shot or Hydroxide (Bordeaux-Arsenate of Lead Mixture) to prevent insects and produce vigorous growth. Spray every 10 days until plants start bearing. Thin out when well started and danger of insects is past, leaving 4 or 5 strong stalks remain to each hill. Continue planting for a succession. Gather when large enough for use whether required or not; if left to ripen on vine, plants stop bearing. Tobacco powder mixed in ground will help overcome cut worms and stem borers.



Typical Specimens of Our Stock of Gem Prolific Pickling Cucumber

**GEM PROLIFIC PICKLING**—Early, symmetrical, uniform and productive pickling variety. Small  $2\frac{1}{4}$  inches in diameter and 5 inches long, square ended, dark green in color. A selected strain and popular with growers of small pickles.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.30.

**EARLY FORTUNE**—The finest type of white spine yet produced. Early, very productive, and disease-resistant. Fruit  $2\frac{1}{2}$  inches in diameter and 9 inches long, slightly tapering. Flesh white, firm and crisp, with very few seeds. Color rich dark green which does not fade when shipped a long distance.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**JERSEY PICKLING**—A very productive well-known variety. Fruit about 6 inches long and slender.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**LONGFELLOW**—This variety, unlike most other sorts, succeeds equally well in the garden or the greenhouse. The vines are exceptionally healthy and productive and fairly early. The fruits will average 12 to 14 inches in length by  $2\frac{1}{2}$  inches in diameter and are very symmetrical, a desirable and lasting dark green color.

Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 80c; 8 oz., \$1.35; lb., \$2.50.

**IMPROVED LONG GREEN**—The standard well-known extra long, late table variety. 12 to 14 inches long, slender. Dark green. Flesh white and firm.

### JAPANESE CLIMBING

### GHERKIN

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 45c; 8 oz., 80c; lb., \$1.45.

**WHITE WONDER**—Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c.

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Use Hydroxide for spraying Cucumbers, Melons and Tomatoes. See page 47.

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## **CELERIAC**

(Turnip-Rooted Celery)

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 85c;  
8 oz., \$1.55; lb., \$2.75.

## **CRESS**

TRUE WATER—Pkt., 10c;  $\frac{1}{2}$  oz., 25c;  
oz., 45c; 2 oz., 80c; 4 oz., \$1.40.

CURLED—Pkt., 10c; 1 oz., 15c; 2 oz.,  
25c; 4 oz., 40c; lb., 90c.

## **EGG PLANT**

Culture—1 oz. will produce 1000 plants.

Seed is of slow germination and requires moderate heat. Start indoors early in March. Plant outdoors about May 20th, 2 ft. apart each way. Plants are tender and will not stand frost.

**BLACK BEAUTY**—The leading variety, early, fruit large, good shape, and of rich dark purple color. Productive and thornless.

Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c; 2 oz., 85c; 4 oz., \$1.50; 8 oz., \$2.75; lb., \$5.00.

## **ENDIVE**

Culture—1 oz. to 150 ft. drill.

An excellent salad which can be used at any season of the year, but is generally used for fall and winter. Used also as greens and for flavoring soups. For early use, plant about April 15th, and for fall, in June or July in rows 18 inches apart.

WHITE CURLED

GREEN CURLED

BROAD LEAVED BATAVIAN

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c;  
8 oz., 80c; lb., \$1.35.

## **Horse Radish Roots**

1000, \$10.00; 500, \$6.00; 100, \$1.50;  
less than 100 @ 2c each.

## **KALE—BORECOLE**

DWARF PURPLE  
TALL CURLED SCOTCH  
DWARF CURLED SCOTCH

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c;  
8 oz., 60c; lb., \$1.00.

## **KOHL-RABI**

Culture—1 oz. to 250 ft. drill.

Belongs to the cabbage family. Forms a turnip-shaped bulb above the ground. Used as Turnips. Cultivate same as cabbage. Sow early in spring or in June and July for fall use.

EARLY WHITE VIENNA

EARLY PURPLE VIENNA

Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 65c;  
8 oz., \$1.20; lb., \$2.25.

## **LEEK**

BROAD AMERICAN FLAG

Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 70c;  
8 oz., \$1.20; lb., \$2.25.

## **CHERVIL**

(For Flavoring Soups and Salads)

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 60c;  
8 oz., \$1.10; lb., \$2.00.

## **COLLARDS**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c;  
8 oz., 60c; lb., \$1.00.

## **CHICORY**

Witloof or French Endive

Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 70c;  
8 oz., \$1.30; lb., \$2.50.

## **CHIVES**

Pkt., 10c; oz., 50c.

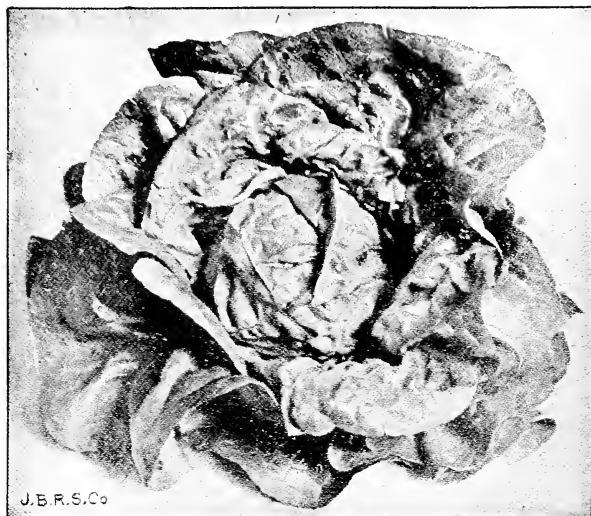
## **HERBS**

Used for flavoring. All in 10c packets. Prices on larger quantities on request.

Anise	Caraway	Fennel, Sweet	Rosemary	Savory, Summer
Balm	Catnip	Horehound	Rue	Thyme
Basil, Sweet	Coriander	Marjoram, Sweet	Saffron	Wormwood
Borage	Dill	Lavender	Sage	

For quality, flavor and size, use Favorite Peas. See page 18.

# LETTUCE



Big Boston Lettuce

Culture—1 oz. to 150 drill.

Thrives on nearly all soil, but for crispness should be planted in rich ground, well cultivated before planting. Sow as early as ground can be worked. For early use, the cutting varieties are most desirable. Heading varieties should be transplanted in rows 12 to 18 inches apart, plants set in row every 6 to 10 inches.

**EARLY CURLED SILESIAN (Cutting)**—Early, medium large, crisp and has loose, short broad leaves, much crumpled and frilled on the border. Color very light green. Quite similar to the Simpson variety.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**MAY KING (Heading)**—A splendid extra early compact heading variety similar to Wayahead, leaves light yellowish-green tinged reddish-brown at the end. Heart rich golden yellow. Excellent quality.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**IMPROVED HANSON (Heading)**—A well-known, reliable, large, sure-heading spring and early summer variety. Leaves large and broad, blistered and crumpled, and border finely frilled. Color light green. Quality good.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**ALLHEART (Heading)**—Especially desirable for hot weather. Will succeed under most trying weather conditions. Heads medium size, very solid. Leaves thin, tender and crisp, medium green color. Best of Salamander type.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**SELECT BIG BOSTON (Heading)**—A popular variety. Heads large and very solid. Especially desirable for late fall and cold frame planting. Not recommended for summer. Leaves broad, almost smooth, wavy at edge.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**NEW YORK or WONDERFUL**—A very large late heading variety. Leaves broad, thick, blistered and crumpled, border frilled, color dark green. Quality good. Known in California and the West as Los Angeles and shipped into the Eastern market under the name of Iceberg.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.20.

**WAYAHEAD    BLACK SEEDED SIMPSON    ICEBERG    SELECT GRAND RAPIDS**  
**WHITE COS or ROMAINE    MIGNONETTE    BRITTLE ICE    CHICKEN LETTUCE**  
**BRONZE CURLED or PRIZEHEAD**

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

Favorite Sugar Corn is delicious and quality is long remembered. See page 10.

## MUSKMELON or CANTALOUPE

Culture—1 oz. for 50 hills; 2 lbs. per acre.

Plant after May 20th in sandy or mellow soil, well enriched. Hills 4 to 6 ft. apart each way. 10 to 12 seeds to hill, 1 inch deep. Cultivate well. Spray with Hydroxide (Bordeaux Arsenate of Lead) to prevent being destroyed by insects. When plants are beyond danger of insects, thin to 4 or 5 good plants to hill. Tobacco powder mixed with ground will help overcome cut worms and stem borers.



Extra Early Osage Muskmelon

**EXTRA EARLY OSAGE**—Good size, flesh very thick, salmon color, and of sweet, high quality. Oval shaped. Small seed cavity. We consider it our very best variety.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 80c; lb., \$1.40.

**EMERALD GEM**—A splendid variety. Fruit deep emerald green in color, globular, distinctly ribbed. Flesh very thick, sweet and of a deep rich salmon color, having an unusual small seed cavity. Our choice main crop Melon for home garden and local market.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.25.

**DELICIOUS ORANGE FLESH**—Undoubtedly the "last word" in the Rocky Ford type of shipping melons and has brought the highest price in every market shipped to. Its appealing deep orange flesh is its distinctive characteristic. It is the most solid, with the smallest seed cell of any type and will weigh more to the crate. Fruit very uniform in size, nearly round and densely covered with a hard gray netting. Recommended for its hardiness, prolificness, deep flesh and excellent eating and shipping qualities.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 90c; lb., \$1.60.

**EARLY KNIGHT**  
**MILLER'S CREAM**  
**HONEYDEW**

**ROCKY FORD**  
**BANANA**

**JENNY LIND**  
**HEARTS OF GOLD**  
**MIXED VARIETIES**

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 80c; lb., \$1.40.

## MUSTARD

**GIANT SOUTHERN CURLED**—1 oz. to 100 ft. row.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

## OKRA or GUMBO

Culture—1 oz. to 100 hills.

Sow seed thinly in rich ground about middle of May when ground is warm, in rows 3 ft. apart. Cover seed with 1 inch earth. Later thin out stalks to 12 or 18 inches apart. Cultivate freely. Its green pods are used for flavoring soups and stews.

**PERKIN'S MAMMOTH (Long Green)**—Very early and productive. Stalks 3 ft. high. Pods deep green, long, slender and slightly corrugated. A desirable market variety.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 70c.

**Vigoro makes plants grow vigorously and produces results. See page 44.**

## WATERMELON

Culture—1 oz. for 30 hills; 4 lbs. per acre.

Plant after May 20th in rich, sandy or loose soil, when ground is warm. Cultivate as for muskmelons. Spray with Hydroxide to prevent destruction by insects—Tobacco powder mixed in ground will help overcome cut worms and stem borers.

**COLE'S EARLY**—One of the best extra early. Medium size, hardy, nearly round, dark green rind, striped a lighter shade. Flesh deep pink. Seeds black. Excellent quality. Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**LONG LIGHT ICING (Gray Monarch)**—Long, large, medium early, and productive. Rind pale green with mottled tracing of slightly darker shade. Flesh brilliant crimson and of exceptional quality. Seeds white.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**KLECKLEY'S SWEET**—Good size, medium early, exceedingly sweet. Oblong in form, dark green. Flesh very bright red, ripening nearly to the rind. Excellent main crop for home garden or local market. Too tender for shipping.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**HALBERT'S HONEY**

**TOM WATSON**

**MIXED VARIETIES**

**ROUND DARK ICING**

**ROUND LIGHT ICING**

**PRESERVING CITRON**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

## ONION SEED

Culture—1 oz. for 150 ft. drill; about 5 lbs. per acre for growing large onions.

Sow as early in spring as ground can be worked, thinly in drills about  $\frac{1}{4}$  inch deep, rows 1 ft. apart. Cover lightly with fine soil and press down with back of spade or light roller. Later thin out leaving strongest plants to stand 3 to 4 inches apart. Cultivate freely. Another convenient way is to sow early in hotbed or indoors in boxes and transplant when ground is in condition. This overcomes the difficulty of weeds smothering out the onions.

**PRIZETAKER**—Extra large, mild, productive and sure cropper. Globe-shaped, light straw color, attractive. Crisp and solid and a good keeper. Most desirable variety for growing large onions from seed. Very highly recommended as the best. Larger than Danvers.

Pkt., 10c;  $\frac{1}{2}$  oz., 17c; oz., 25c; 2 oz., 45c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.20.

**YELLOW GLOBE DANVERS**—Dependable, heavy yielder, excellent color, good keeper. Extensively used for many years. Especially desirable for growing onion sets.

Pkt., 10c;  $\frac{1}{2}$  oz., 17c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 8 oz., \$1.10; lb., \$2.00.

**SILVERSKIN or WHITE PORTUGAL**—A large, white, flat onion of mild, pleasant flavor. Hardy and fine-grained. Skin pure white. Extensively grown for sets and largely used as a pickler and for bunching.

Pkt., 10c;  $\frac{1}{2}$  oz., 18c; oz., 28c; 2 oz., 45c; 4 oz., 75c; 8 oz., \$1.35; lb., \$2.50.

**BERMUDA WHITE**—Pkt., 10c; oz., 40c; 2 oz., 75c; 4 oz., \$1.40.

**RED WETHERSFIELD**—Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 65c.

**BOTTLE ONION**—Pkt., 10c; oz., 50c.

## ONION SETS

PRICES ARE F. O. B. LANSDALE

Culture—Plant early in spring, 3 to 4 inches apart in rows 12 to 14 inches apart.

We have fancy selected stock. Market is variable, subject to change.

**YELLOW DANVERS**—Lb., 20c; 5 lb., 90c; 10 lb., \$1.65; 25 lb., \$3.50; 50 lb., \$6.75.

**YELLOW JAPANESE**—Lb., 20c; 5 lb., 90c; 10 lb., \$1.75; 25 lb., \$3.75; 50 lb., \$7.25.

**WHITE SILVERSKIN**—Lb., 25c; 5 lb., \$1.15; 10 lb., \$2.10; 25 lb., \$4.75; 50 lb., \$8.50.

**EGYPTIAN or WINTER TOP ONION**—These we can supply after middle of August for fall planting. They are used as scallions in spring.

Lb., 20c; 10 lb., \$1.80; 25 lb., \$4.00.

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**New Lightning Compressed Air Sprayer, \$3.95. See page 48**

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## CASSEL'S DEPENDABLE SEEDS

### USE



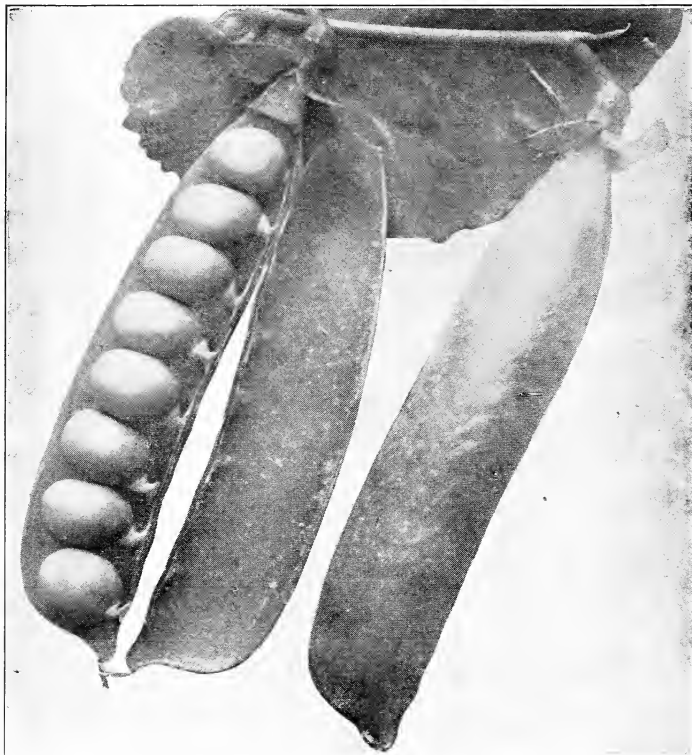
## PEAS

Our Prices on Peas Are  
Postage or Freight  
Prepaid—See Page 1


### TO INOCULATE

**Culture**—1 qt. to 150 ft. row.

Peas do best in light, rich, loamy soil. Plant the early smooth varieties just as soon as the ground can be worked during March or April. The wrinkled peas are not so hardy as the smooth kinds and may therefore not be planted as early, owing to their rotting more easily. Wrinkled varieties, however, are sweeter and better flavored. Can continue to plant until June 10th, then discontinue on account of hot weather until August 1st, after which the quick-growing early varieties may again be planted. Rows should be 18 to 24 inches apart. Use Black Leaf 40 for Aphis or Pea lice.



Cassel's Favorite Pea

 Please note our prices on Peas per quart are equal to about 2 lbs.

**CASSEL'S FAVORITE**—A large podded, quick producing dwarf variety. Vines are sturdy, about 16 in. to 18 in. high. Pods dark green, 4 in. long, often containing 8 large peas. Quality is excellent and we recommend this as the best, most productive, dwarf wrinkled variety. When a low pea is wanted throughout the season, plant this variety every week or ten days.

1/2 pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

Use Matchless Market Gardeners Fertilizer—see page 44

## **PEAS—Continued**

**IMPROVED MAMMOTH PODDED PROLIFIC (Extra Early)**—Matures extra early, productive, robust, heavy, medium green. Not a wrinkled variety. Height 3 feet. Pods light green, 3 to 4 inches long. We recommend this especially for planting in the early spring during March and April on account of it being a variety which will withstand cold, wet weather.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

**SUPERIOR EARLY DWARF**—An excellent, extra early, dwarf variety of highest quality. Height 16 to 18 in. Pods  $3\frac{1}{2}$  in. long, dark green, straight, round and square ended, containing 6 to 8 large, very dark green peas; exceedingly productive.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

**IMPROVED GRADUS (Selected Strain)**—A productive extra early wrinkled variety. Strong vines 2 ft. high, pods medium green, 4 inches long, broad and well filled with 7 to 9 very large peas of exceptional quality.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

**IMPROVED THOMAS LAXTON (Selected Strain)**—An early wrinkled variety,  $2\frac{1}{2}$  ft. high. Pods medium green,  $3\frac{1}{2}$  inches long, broad and thick, containing 7 peas of best quality.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

**CASSEL'S NEW WONDER**—A most excellent main crop pea and very showy. Height of vine  $2\frac{1}{2}$  ft., sturdy and strong. Pods  $4\frac{1}{2}$  inches long, quite broad, straight, medium green, containing 8 to 9 very large sweet, bright green peas. Unusually productive and our trade has reported remarkable and unsurpassed results.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

**PRIZE WINNER**—Very fine, productive, high quality main crop. Height  $2\frac{1}{2}$  ft. Vine and foliage sturdy and heavy. Pods dark green,  $4\frac{1}{2}$  inches long. Contains 9 extra large, medium green peas of an excellent quality.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

**CASSEL'S GIANT DELICIOUS**—A very distinct and valuable new mid-season variety, coming in just ahead of Telephone. A heavy cropping pea, 3 feet in height. Pods are 4 inches long, large, broad, straight and blunt ended, deep green in color containing 6 to 8 deep green sweet peas. Decidedly the best pea of recent introduction.

$\frac{1}{2}$  pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.25; 15 lbs., \$3.90; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.

LAXTONIAN HUNDREDFOLD LITTLE MARVEL WORLD'S RECORD	PETER PAN IMPROVED SUTTON'S DARK POD TELEPHONE	BLUE BANTAM LAXTON'S PROGRESS SUTTON'S IDEAL
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$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qts., \$1.10; 4 qts., \$1.95; 15 lbs., \$3.30; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$17.00.

### **MAMMOTH MELTING SUGAR EDIBLE POD**

$\frac{1}{2}$  pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.25; 15 lbs., \$3.90; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.

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**For inoculating, use Nitragin. See page 43**

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## **PARSLEY** Prices are Postpaid.—See Page 1.

Culture—1 oz. to 150 ft. row.

Sow thickly early in spring in rows 12 inches apart. Cover with  $\frac{1}{8}$  inch soil, pressing down after sowing. Later thin out stalks to 4 to 6 inches apart. Seed germinates very slowly. Used as flavoring and as a garnish.

**IMPROVED FINE DOUBLE CURLED**—A standard well-known dwarf variety. Leaves deeply cut and finely crimped.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 90c.

**PLAIN LEAVED**—Leaves are flat, deeply cut but not curled. Dark green color. Strongly flavored.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 90c.

**LARGE ROOTED HAMBURG**—The edible roots of this variety resemble small thin Parsnips in shape and color and are used for flavoring soups. Leaves are plain.

Pkt., 10c; oz., 18c; 2 oz., 30c; 4 oz., 48c; 8 oz., 75c; lb., \$1.20.

## **PARSNIP** Prices are Postpaid.—See Page 1.

Culture—1 oz. for 100 ft. row; 5 lbs. per acre.

Sow thickly in April or early May as Parsnips require long season to mature. Cultivate same as Carrot. Dig in autumn and store for winter, or they may be left in ground until following spring, which improves their flavor.

**GUERNSEY**—Thick smooth roots, tender and sweet.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., 90c.

## **PEPPER** Prices are Postpaid.—See Page 1.

Culture—1 oz. should produce 2000 plants.

Sow in hotbeds or indoors from February to April. Transplant middle of May if weather is favorable. Cover seed with not over  $\frac{1}{8}$  inch soil.

**EARLY GIANT (Harris)**—Extra early and very prolific. Fruit scarlet, 5 by  $3\frac{1}{2}$  inches, mild and sweet. Excellent for home garden.

Pkt., 10c;  $\frac{1}{4}$  oz., 20c;  $\frac{1}{2}$  oz., 30c; oz., 50c; 2 oz., 90c; 4 oz., \$1.70.

**CHINESE GIANT**—One of the very largest of the mild red varieties. Short, stocky growth. Fruits pendent, thick, blocky and square-ended, 4 to 5 inches in diameter and of equal length. Color brilliant glossy scarlet.

Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 55c; 2 oz., \$1.00; 4 oz., \$1.75; 8 oz., \$3.25; lb., \$5.90.

**RUBY KING**—One of the most profitable and satisfactory varieties for the home or market garden. Early, productive, of dwarf, compact, upright growth. Fruit often 4 to 6 inches long by 3 to 4 inches thick, of a bright ruby-red color. Flesh thick, sweet and mild.

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

**NEAPOLITAN (Early)**—A very early and productive large variety. One of the sweetest. Fruit of upright growth, 4 inches long and 2 inches thick. Color bright red.

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

**SUNNYBROOK**—The sweetest and most prolific of the Pimento Types.

Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 2 oz., 70c; 4 oz., \$1.25; 8 oz., \$2.40.

**MAMMOTH GOLDEN QUEEN**—The largest of the sweet yellow peppers. Mild flavor, golden-yellow color.

Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 2 oz., 70c; 4 oz., \$1.25; 8 oz., \$2.40; lb., \$4.60.

**HUNGARIAN YELLOW WAX**—for pickling. 6 in. long,  $1\frac{1}{2}$  in. wide at stem, tapering to sharp point, usually hooked. Color, light greenish-yellow until ripe when they turn bright cherry red.

Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 80c.

**CAYENNE**—Pkt., 10c.

**LONG THICK RED**—Hot variety. Pkt., 10c.

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**Our quick service and dependable quality will please you.**

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## **PUMPKIN** Prices are Postpaid.—See Page 1.

**Culture**—1 oz. to 20 hills; 3 or 4 lbs. per acre.

Usually grown in cornfields, but if grown as a separate crop, plant in hills 8 to 10 ft. apart each way when ground is warm. Cultivate often until vines begin to run. Gather pumpkins after vines are dead, leaving 3 or 4 inches of stem attached, and store in dry place.



**Cushman Pumpkin**

**EARLY SUGAR or NEW ENGLAND PIE**—Fruits small, round, flattened at the ends and slightly ribbed. Skin and flesh deep orange-yellow. Flesh very thick and of high quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 58c; lb., 95c.

**JAPANESE PIE**—Neck-shaped, somewhat like Cushman. Skin deep green with dark stripes. Flesh deep yellow and of high quality. Seeds sculptured like Japanese letters.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20.

**KING OF THE MAMMOTH**—The giant among the pumpkins. Very large, 2 ft. or more in diameter. Fruit round and flattened. Skin salmon-orange. Flesh bright yellow and very thick.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 80c; lb., \$1.45.

**TENNESSEE SWEET POTATO**—Medium size, nearly bell-shaped, with neck slightly crooked. Skin creamy white, slightly striped green. Flesh creamy white, deep fine grain, and excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20.

**GOLDEN CUSHAW**—Crooknecked type. Color golden-yellow. Large, good quality

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20.

**STRIPED CUSHAW**—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20

**DEPENDABLE MIXTURE OF TABLE VARIETIES**—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**LARGE CHEESE or KENTUCKY FIELD** (round, creamy buff).

Oz. pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c.

**CONNECTICUT FIELD** (oblong, reddish orange).

Oz. pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 70c.

**IDEAL MARKET**—While frequently sold as a pumpkin, it belongs to the squash family and in form and size is similar to Hubbard. Attractive for its size and appearance. Shell bright orange, flesh yellow and firm. Excellent for canning and pies.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 72c; lb., \$1.30.

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**For early, attractive, tender Beets, plant Cassel's Favorite. See page 3.**

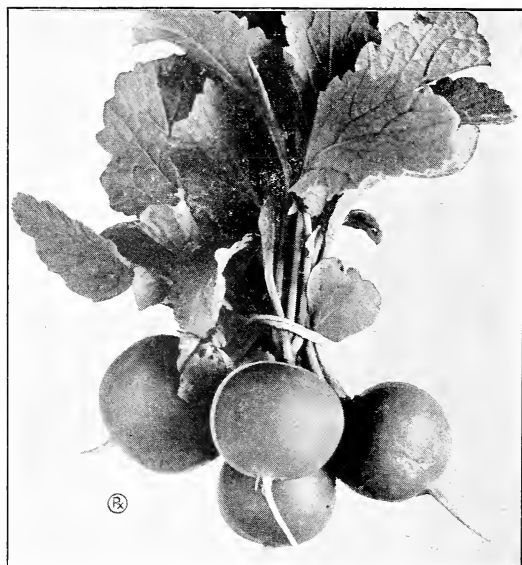
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# **RADISH**

☞ Prices are Postpaid.—See Page 1.

Culture—1 oz. to 100 ft.

For very early use sow in frames in February, making successive sowings every two or three weeks. In April, plant in open ground 1 inch deep, in light, rich, sandy soil, selecting a warm or sheltered location and sow at intervals during the season. Winter varieties should be planted in mid-summer and early fall. Radishes will not do well in heavy, hard ground. Sow radish seed 2 to 4 in. deep in loose ground for best results and to overcome worms.



Cassel's Electric Early Round Red Radish

**CASSEL'S ELECTRIC EARLY ROUND RED**—The earliest variety for greenhouse or outdoor culture. Bright scarlet, very rapid growth, several days earlier than Scarlet Globe. Very short top and small tap root. While this radish matures quickly, it is one of the slowest to shoot to seed.

Pkt., 10c; oz., 15c; 2 oz., 25c;  
4 oz., 40c; 8 oz., 65c; lb., \$1.15.

**EXTRA EARLY SCARLET GLOBE**—One of the earliest of the forcing radishes and does equally well outside. Roots of fair size, globe-shaped and with a very small top. Always crisp and tender. Color bright scarlet.

Pkt., 10c; oz., 15c; 2 oz., 25c;  
4 oz., 35c; 8 oz., 55c; lb., 85c.

**SPARKLER'S WHITE TIPPED SCARLET ROUND**—An attractive early variety having deep scarlet upper portion and under part white, making a beautiful contrast.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 50c; lb., 75c.

**PHILADELPHIA WHITE BOX**—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 50c; lb., 75c.

**CHARTIER**—An excellent variety, 7 to 8 inches long, rather thin, deep scarlet at top, shading off to pure white at tip. A well-known and leading variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**ICICLE**—The leading long, early, white radish. About 6 inches long and white throughout. The favorite long radish with our trade.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**WHITE STRASBURG**—An excellent variety, especially for late spring and summer growing, doing better in hot weather than most radishes. Roots long, thick, white, remaining solid for a long time.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**DEPENDABLE MIXTURE OF LEADING SUMMER VARIETIES.**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 95c.

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**Wizard Sheep Manure makes quick growth. See page 45.**

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## **RADISH—Continued**

*See* Prices are Postpaid.—See Page 1.

**WHITE CHINESE or CELESTIAL WINTER**—Roots 6 to 8 inches long, thick, cylindrical, and smooth. Popular wherever known. Skin and flesh very white and attractive.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 95c.

### **HALF LONG BLACK SPANISH SCARLET WINTER**

**DEPENDABLE MIXTURE WINTER VARIETIES**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 95c.

## **RHUBARB SEED**

**Culture**—Plants easily grown from seed. Sow in drills, rows 12 to 18 inches apart and later transplant. 1 oz. to 100 ft.

**VICTORIA**—Pkt., 10c; oz., 20c; 2 oz., 32c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

## **RHUBARB ROOTS**

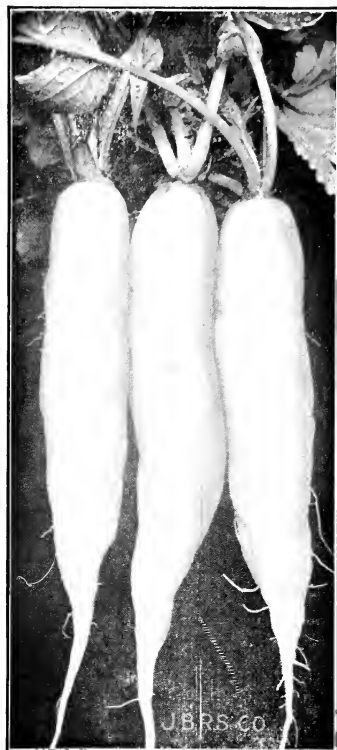
**Culture**—Plant 2 ft. apart in rows 4 ft. apart. Cultivate well and top dress liberally.

12c each; doz., \$1.10; 100, \$7.00. Extra size clumps, 25c to 40c each. Market variable. Prices subject to change.

## **RUTA BAGA**

**IMPROVED PURPLE TOP YELLOW  
GOLDEN NECKLESS**

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.75.



Iceicle Radish

## **SALSIFY or Vegetable Oysters**

**Culture**—1 oz. for 75 ft. row.

Sow seed early in spring in rows 12 inches apart and  $\frac{1}{2}$  inch deep, thinning out plants every 6 inches.

**MAMMOTH SANDWICH ISLAND**—Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 8 oz., \$1.10; lb., \$2.10.

## **Sunflower Seed**

**MEDIUM STRIPED**—4 oz., 10c; 8 oz., 15c; lb., 20c.

## **Sorrel**

**LARGE LEAVED FRENCH**

Pkt., 10c; oz., 15c; 4 oz., 45c; lb., \$1.35.

## **PEANUTS**

4 oz., 10c; 8 oz., 18c; lb., 30c.

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**Have a beautiful, green lawn. See page 35**

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## SPINACH Prices are Postpaid.—See Page 1.



Princess Juliana Spinach

**Culture**—1 oz. to 100 ft.; 10 to 12 lbs. per acre.

Sow thinly in rows 12 to 15 inches apart as early in spring as possible. For fall use, sow from August 1st to September 15th. Thin out plants to every 4 inches.

**BLOOMSDALE LONG STANDING**—An improved quick-growing hardy variety and one of the best for market and canning. Plants of upright growth, very slow to bolt to seed. Leaves are crumpled and blistered, of a glossy, green color. It is the most desirable variety for early spring and autumn use.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.55; 10 lbs., \$2.80; 25 lbs., \$6.00; 50 lbs., \$11.00; 100 lbs., \$21.00.

**PRINCESS JULIANA (Long Season)**—Said to be the most thoroughbred improved type of long-standing Spinach ever introduced; uniform in type and most attractive in appearance. Compact rosette leaves are large rounded, thick in texture, very blistered and crumpled and of a very dark green color. Holds up well for shipping and slow to go to seed. A ready seller.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**KING OF DENMARK**—Fine long seasoned variety, slow to go to seed. Plants vigorous and spreading; leaves round, crumpled and blistered. Deep green color.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**VICTORIA**—Makes a dense, flat rosette with very short petioles. Leaves very large, thick and much wrinkled, blunt or rounded and dark green in color. Stands hot weather well and is exceedingly slow to shoot to seed. Especially desirable for use in late summer and fall.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**NEW ZEALAND**—Entirely distinct from the true Spinach. Plant tall and spreading, with numerous side shoots. Leaves medium green, rather small and pointed. Grows well in hot weather and under adverse conditions.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 65c.

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Profit by our 50 years experience. Send us Your Seed Orders

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## **SQUASH** Prices are Postpaid.—See Page 1.

**Culture**—1 oz. to 25 hills; 3 to 4 lbs. per acre. Plant 8 to 10 seeds to the hill, 4 ft. apart, about May 10th for summer bush varieties, and 8 to 10 ft. apart about July 1st for winter varieties. Thin out to four strong plants per hill. Spraying with Hyroxcide (Bordeaux-Arsenate of Lead) will be of much help to prevent plants from being destroyed by insects while young.

**GOLDEN SUMMER STRAIGHTNECK**—A selection from the summer crookneck—more desirable for handling.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**GOLDEN HUBBARD**—A desirable variety. Shell is medium warted. Hard, strong, and a rich orange-red color. Flesh deep orange, dry, and of best quality. An excellent keeper.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 45c; 8 oz., 75c; lb., \$1.35.

**ITALIAN VEGETABLE MARROW** or **COCOZELLA**—A summer variety of bush habit. Fruit is oblong, ribbed, dark green marbled with yellow and dark green stripes. A delicate and fine flavored variety. The young fruit while green is excellent for slicing and frying like egg plant.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 45c; 8 oz., 75c; lb., \$1.35.

**GOLDEN SUMMER CROOKNECK**—A standard early and productive summer variety. Fruit about 1 ft. long, moderately warted and of a bright yellow color.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 68c; lb., \$1.20.

**EARLY WHITE BUSH (Patty Pan)**—A well-known very early variety of dwarf habit and upright growth. Surface nearly smooth. Color creamy white. Fruit flattened and scalloped, about 8 inches in diameter. One of the leading varieties for home gardens and market.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.15.

**EARLY YELLOW BUSH**—This variety is identical with White Bush except in color, which is deep orange.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**IMPROVED HUBBARD**—A standard winter squash. Fruit large, heavy and moderately warted. Shell dark bronze-green with light green markings. Flesh bright orange-yellow, fine grained, thick and dry.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**MAMMOTH CHILI**—Grown for exhibition and stockfeeding. Extra large, oblong, rich orange color. Skin smooth with broad open netting.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**BOSTON MARROW**—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.30.

## **TURNIP** Prices are Postpaid.—See Page 1.

**Culture**—1 oz. to 200 ft.; 1 to 2 lbs. per acre. Sow early in spring before hot weather and for main crop sow in July and August, either broadcast or in drills 2 ft. apart. If in rows, thin out to prevent overcrowding.


**LARGE RED TOP GLOBE**—Almost perfect globe in form. Flesh and skin white, red or purple on top above the ground. Fine grained and sweet. Best known and a superior variety.

Pkt., 10c; 2 oz., 15c; 4 oz., 22c; 8 oz., 35c; lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50.

**PURPLE TOP FLAT**      **WHITE EGG**  
**COW HORN**

**AMBER GLOBE (Green Crown)**  
**YELLOW ABERDEEN (Red Crown)**

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

 Our customers take no risk when buying from us, as all merchandise we sell must please you or you may return it within 5 days from date of purchase and amount paid will be refunded.

**Our Lock Top Cardboard Egg Boxes are unsurpassed. Priced right. See page 55**

# **TOMATO**

Prices are Postpaid.—See Page 1.

**Culture**—1 oz. should produce about 2500 plants.

For early crop, plant seed under glass or in house during February, giving seedlings plenty of light for rapid development. Transplant in open ground after danger of frost, 3½ ft. apart each way. For main crop, seed may be sown any time until the middle of June. Spraying with Hydroxide before fruit appears will help prevent blight.

## **CASSEL'S EARLY WONDER**

An exceptionally fine large bright red variety, as early as Chalk's Jewel and nearly as large as Stone and as productive. Fruits nearly globe-shaped and very solid; vine medium growth. An excellent canning variety.

Pkt., 10c; ½ oz., 30c; oz., 45c; 2 oz., 85c; 4 oz., \$1.60; 8 oz., \$3.10; lb., \$6.00.

**OXHEART**.—This variety has an attractively different appearance from other tomatoes, being oxheart in shape. Is very large in size and of excellent table quality. While not a heavy yielder, the grower for market will find this variety a good sort, as they sell readily, and for home gardens, they are very desirable. Skin is pink, almost seedless. Flesh frequently 2 inches thick, without seed cavity. Flavor is delicious.

Pkt., 10c; ½ oz., 35c; 1 oz., 60c; 2 oz., \$1.10; 4 oz., \$1.90; 8 oz., \$3.50.

**CHALK'S EARLY JEWEL**—A very desirable, early variety, coming between Earliana and Stone. Uniformly smooth, round and solid. Maintain their size longer than most sorts. Crimson in color. Excellent quality for table use and canning.

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

**RED ROCK**—A most dependable main crop variety of the Matchless type for home and canning trade. Productive, large, smooth, very solid, cardinal red. This is a well-known variety.

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

**CASSEL'S SPECIAL GIANT RED**—The largest of the bright red Tomatoes. Very solid, attractive, and a most desirable variety. Sometimes called "Beefsteak."

Pkt., 10c; ½ oz., 30c; oz., 45c; 2 oz., 85c; 4 oz., \$1.60; 8 oz., \$3.10; lb., \$6.00.

**MATCHLESS**      **EARLIANA**      **STONE**      **JOHN BAER**      **BONNY BEST**

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

**PONDEROSA**

**RED CHERRY**

**PEAR-SHAPED YELLOW**

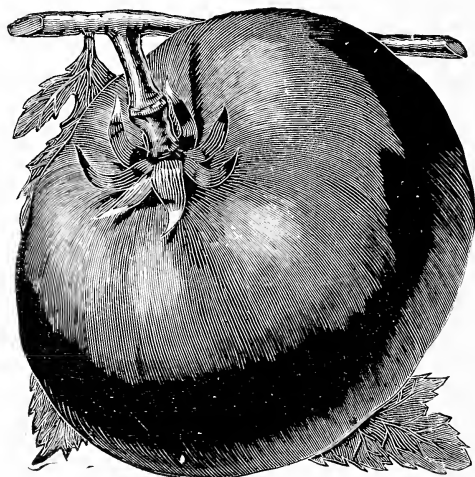
**STRAWBERRY or WINTER HUSK (Ground Cherry)**

Pkt., 10c; ½ oz., 35c; oz., 60c; 2 oz., \$1.05; 4 oz., \$1.70; 8 oz., \$3.25.

**MARGLOBE**

**GOLDEN QUEEN**

Pkt., 10c; ½ oz., 25c; oz., 45c; 2 oz., 80c; 4 oz., \$1.45; 8 oz., \$2.60; lb., \$4.75.



## CANNAS

We can furnish leading varieties of plants about May 15th, on which prices will be quoted on request.

## CALADIUM BULBS

(Elephant Ears)

Small size, 15c. ea.; large size, 40c ea.

Postpaid. See page 1.

## GLADIOLUS

**SELECTED MIXTURE**—A splendid assortment of beautiful colors and varieties, large size bulbs.

Dcz., 50c; 50 and over at \$3.50 per 100.

We also can supply separate named varieties on which we will be glad to quote prices on request.

Tobacco powder mixed in ground will help overcome cut worms and stem borers in Gladiolus and Dahlias.

Clipping the ends of Gladiolus daily and adding a little salt to water will help to open the unopened buds and keep flowers in fresh condition.

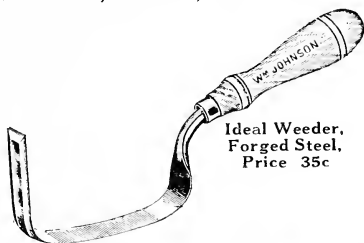
## DAHLIAS

Can supply leading named varieties of Cactus, Decorative, Ball and Show types. Prices on request.

## HYACINTHS TULIPS--CROCUS

We can furnish Select Stock, most beautiful colors and varieties, spring Flowering Bulbs, for Fall planting, which arrive about September 15th. Plant in September, October and November.

Can also supply **Narcissus, Chinese Sacred Lillies, Freesias, etc.**

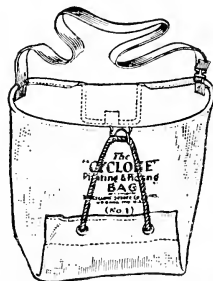


Ideal Weeder,  
Forged Steel,  
Price 35c

**Cyclone Planting  
and Picking**

## BAGS

**For Potatoes,  
Fruit, etc., 85c**



## TUBEROSES

**PEARL**—4 to 6 in. circumference.

Each 8c; doz., 70c.

Postpaid. See page 1.

## PEONIES

Named varieties, red, white and pink.

Prices on request.

## IRIS

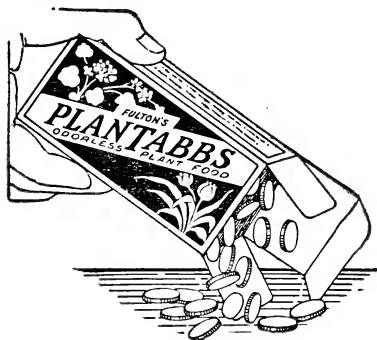
Can supply complete assortment of varieties.

Prices on request.

## MULCH PAPER

12 in. Rolls, 333 sq. ft.	\$2.00
18 in. Rolls, 750 sq. ft.	\$4.50
36 in. Rolls, 750 sq. ft.	\$4.50

**PRICES ARE F. O. B. LANSDALE**



Odorless Plant Food Tablets

**PLANTABBS** are small, white odorless tablets. A complete properly balanced fertilizer guaranteed the high analysis of nitrogen 11%, phosphoric acid 15%, potash 20%, are water soluble, dissolve quickly, giving immediate fertilization. Ideal for house plants where smelly fertilizers cannot be used but equally good for all garden planting, especially roses. We highly recommend Plantabbs because there is no waste, no weeds, no run-off. They are clean, odorless, easy to use. Prices are postpaid.

30 Tablets, 25c; 75 Tablets, 50c; 200 Tablets, \$1.00; 1,000 Tablets, \$3.50.

**for Better Flowers**  
feed them this complete,  
balanced diet

**VIGORO**  
Complete plant food



# DEPENDABLE FLOWER SEEDS

(A) Indicates Annuals. (P) Indicates Perennials. (R) Indicates Rock Plants.

Our stock of Flower Seeds is California grown and comes from the very best and most reliable source, and, we believe, there is none superior.

## (A) (R) AGERATUM

(Floss Flower) 9 in.

A pretty little plant covered with dainty blue flowers all summer.

**Blue Perfection.** Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c; 1 oz., 60c.

## (R) ALYSSUM 8 in.

Dwarf compact plant desirable for edging, flowering all summer and covered with clusters of small white, lilac, and gold flowers.

**Compactum Erectum Little Gem.** (A). Pkt., 10c;  $\frac{1}{2}$  oz., 30c; 1 oz., 45c.

**Lilac Queen Improved.** (A). Pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 60c.

**Saxatile Compactum.** (P). Pkt., 10c;  $\frac{1}{2}$  oz., 50c; 1 oz., 75c.

## (A) AMARANTHUS

CAUDATUS

(Love Lies Bleeding) 3 ft.

A rapid growing plant with long, drooping crimson flower spikes. Pkt., 10c;  $\frac{1}{4}$  oz., 20c; 1 oz., 25c.

## (P) ANEMONE 10 in.

An excellent spring blooming plant with large blooms in carmine, violet, purple, rose, lilac, white, etc.

**St. Brigid Double Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.10.

## (A) ANTIRRHINUM

(Snapdragon)

A very effective plant for massive bedding or border planting. If flowers are cut after blooming, they will continue to flower until frost.

**Apple Blossom.** (Tall). Pkt., 10c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., 85c.  
**Ruby** (Tall). Pkt., 10c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., 85c.

**Fascination Pink** (Medium Large Flowering). Pkt., 10c;  $\frac{1}{4}$  oz., 40c;  $\frac{1}{2}$  oz., 65c.

**Finest Mixed** (Medium Large Flowering). Pkt., 10c;  $\frac{1}{4}$  oz., 35c; 1 oz., 95c.

## (P) AQUILEGIA

(Columbine) 2 ft.

These are among the most beautiful of spring and early summer flowers. Graceful flowers on stems 2 feet or more above the fern-like foliage.

**Mrs. Scott Elliott's Strain.** Pkt., 10c;  $\frac{1}{8}$  oz., 90c;  $\frac{1}{4}$  oz., \$1.70.

**Improved Long Spurred Varieties Mixed.** Pkt., 10c;  $\frac{1}{8}$  oz., 70c;  $\frac{1}{4}$  oz., \$1.25.

**Double Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 35c; 1 oz., 95c.

## (P) (R) ARABIS

(Rock Cress) 6 in.

One of the earliest of spring flowering plants, covered with pure white flowers and especially adapted for edging and rock gardens.

**Alpina.** Pkt., 10c; 1 oz., 30c.

## (A) ARCTOTIS

(African Daisy, Blue-eyed) 2 ft.

The blue centers of the large white flowers make them unique and attractive.

**Grandis.** Pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 60c.

## (A) ASTERS

1  $\frac{1}{2}$ -2 ft.

The most popular of all annual flowers, being invaluable for garden decoration and cutting. The varieties listed represent the finest Asters of the early, mid-season and late types.

**American Branching Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c;  $\frac{1}{2}$  oz., 70c.

**Sunshine Improved Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c;  $\frac{1}{2}$  oz., 70c.

**Heart of France.** Pkt., 10c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 70c.

**Peerless Yellow.** Pkt., 10c;  $\frac{1}{8}$  oz., 60c;  $\frac{1}{4}$  oz., \$1.05.

Improved Giants  
of California

**White.** Pkt., 10c;  $\frac{1}{4}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.25.

**Peach Blossom.** Pkt., 10c;  $\frac{1}{4}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.25.

**Dark Purple.** Pkt., 10c;  $\frac{1}{4}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.25.

**Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c;  $\frac{1}{2}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.25.

Early Beauty

**Azure Fairy.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c;  $\frac{1}{2}$  oz., 70c.

**September Pink.** Pkt., 10c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 70c.

**Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 30c;  $\frac{1}{2}$  oz., 50c;  $\frac{1}{2}$  oz., 85c.

Late Beauty

**Crimson.** Pkt., 10c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 70c.

**Mixed.** Pkt., 10c;  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., 85c.

## Wizard Sheep Manure

produces quick growth, strong development, excellent for house plants. See page 45.

## Peat Moss

Holds moisture. Valuable for Shrubbery. See page 54.

## Hyper-Humus

Loosens ground—enriches soil. See page 44.

## Vigoro

produces strong blooms and brilliant shades. See page 44



## CASSEL'S SEEDS ARE OF HIGHEST QUALITY

### (A) BALLOON VINE

(Love-in-a-puff), 10 ft.

A rapid growing climber. The foliage is light green, and the flowers are a whitish green color.

Cardiospermum. Pkt., 10c; 1 $\frac{1}{2}$  oz., 20c.

### (A) BALSAM

(Lady's Slipper), 2 ft.

A charming old fashioned garden favorite. Double flowers in all colors.

Camellia Flowered Mixed. Pkt., 10c; 1 $\frac{1}{4}$  oz., 30c; 1 oz., 75c.

### (P) (R) BELLIS PERENNIS

(English Daisy) 6 in.

A hardy plant with double button-like flowers suitable for edgings, low beds and rock gardens.

Extra Finest Mixed. Pkt., 10c; 1 $\frac{1}{8}$  oz., 50c; 1 $\frac{1}{4}$  oz., 85c.

### (A) BRACHYCOME

(Swan River Daisy) 10 in.

Attractive plants, forming compact little bushes bearing a profusion of daisy-like flowers with dark centers.

Extra Finest Mixed. Pkt., 10c; 1 $\frac{1}{4}$  oz., 55c.

### (A) CACALIA

(Tassel Flower) 2 ft.

Each flower is a miniature paint brush produced on a long wiry stem, which makes it an excellent cut flower.

Mixed Scarlet and Orange. Pkt., 10c; 1 $\frac{1}{4}$  oz., 40c.

### (A) CALENDULA

(Pot Marigold) 18 in.

Free flowering, showy, yellow flowers producing a fine effect in beds or mixed borders. Also valuable for pot culture.

Orange King. Pkt., 10c; 1 oz., 30c.

Rad.o. Pkt., 10c; 1 $\frac{1}{4}$  oz., 40c

Campfire (Sensation). Our stock is from the originator. Pkt., 10c; 1 $\frac{1}{4}$  oz., 90c.

Mixed. Pkt., 10c; 1 oz., 30c.

### (A) CALLIOPSIS

15-20 in.

Forms perfect little bushes which are a mass of bloom from early summer until killed by frost and excellent for cut flowers.

Drummond's Golden Wave (Dwarf). Pkt., 10c; 1 oz., 30c.

Dwarf Mixed. Pkt., 10c; 1 oz., 30c.

### CAMPANULA

(Canterbury Bells) 2-3 ft.

Large bell-shaped flowers. Seed should be sown each year where the plants are to remain.

Calycanthemum Mixed (Cup and Saucer). Pkt., 10c; 1 $\frac{1}{4}$  oz., 45c.

Single Mixed. Pkt., 10c; 1 $\frac{1}{2}$  oz., 25c.

### (R) CANDYTUFT

10 in.

An excellent plant for bedding, borders, rock gardens where bright, dwarf masses are wanted.

Queen of Italy (Lilac). (P). Pkt., 10c; 1 $\frac{1}{2}$  oz., 30c.

Sempervirens (White). (P) Pkt., 10c; 1 $\frac{1}{8}$  oz., 70c.

Empress (A) Pkt., 10c; 1 $\frac{1}{2}$  oz., 25c.

### (A) CARDINAL CLIMBER

25 ft.

An attractive, graceful climber bearing dark green leaves and fiery cardinal red flowers. Pkt. 10c; 1 $\frac{1}{4}$  oz., 45c.

### (A) CARNATION 2 ft.

These are general favorites for their richness of color and delightful fragrance. They are desirable for greenhouse culture in winter as well as for the garden in summer.

Chabaud's Giant Improved Mixed. Pkt., 10c; 1 $\frac{1}{8}$  oz., 50c.

### (A) CELOSIA 1-3 ft.

Very desirable, easily grown plants, producing large, brilliant, comb-like heads and feathery plumes.

Childs's Mixed (Chinese Wool Flower). Pkt., 10c; 1 $\frac{1}{4}$  oz., 35c.

Plumosa Mixed. Pkt., 10c; 1 $\frac{1}{4}$  oz., 30c.

Cristata Dwarf Mixed (Cockscomb). Pkt., 10c; 1 $\frac{1}{4}$  oz., 45c.

### (A) CENTAUREA 2-3 ft.

These are particularly well adapted for use in bedding and in the border. Also fine for cut flowers. Easily grown from seed.

Cyanus Double Mixed (Cornflower or Bachelor's Buttons). Pkt., 10c; 1 oz., 25c.

Cyanus Double Blue. Pkt., 10c; 1 $\frac{1}{2}$  oz., 40c.

Cyanus Double Brick Red. Pkt., 10c; 1 $\frac{1}{2}$  oz., 40c.

Giant Imperialis Mixed (Sweet Sultan). Pkt., 10c; 1 $\frac{1}{4}$  oz., 30c.

Americana Mixed (Thistle). Pkt., 10c; 1 $\frac{1}{4}$  oz., 30c.

### (A) CHRYSANTHEMUM

(Painted Daisy) 20 in.

They produce long, stiff stemmed flowers in attractive shades and color combinations.

Segetum Mixed. Pkt., 10c; 1 $\frac{1}{2}$  oz., 20c.

Leucanthemum Shasta Westralia (Shasta Daisy) (3 ft. Perennial). Pkt., 10c; 1 $\frac{1}{4}$  oz., 40c.

### CINERARIA

Compact plants completely covered by large flowers. Hybrida Grandiflora. Pkt., 35c.

### (A) CLARKIA 18 in.

The graceful stems are completely covered with beautiful, double flowers in brilliant colors.

Elegans Double and Single Mixed. Pkt., 10c; 1 $\frac{1}{2}$  oz., 30c.

### (A) COBEA 30 ft.

A very vigorous growing climber with violet blue, bell-shaped flowers. Pkt., 10c; 1 $\frac{1}{4}$  oz., 35c.

### (A) COIX

(Job's Tears) 2-3 ft.

A strange, broad-leaved, ornamental grass with large, shining, pearly seeds, used for stringing as beads. Pkt., 10c; 1 oz., 25c.

**Our Spencer Sweet Peas, mixed and separate colors, are excellent. See page 32.**

## COSMOS—THE GLORY OF THE AUTUMN GARDEN

### (A) COLEUS 12 in.

An attractive foliage plant for ornamental bedding.  
Sunset Mixture. Pkt., 20c.

### (P) COREOPSIS 2 ft.

The flowers are a rich golden yellow, blooming the entire summer and autumn. Will bloom the first season if sown early.

Lanceolata Grandiflora. Pkt., 10c; 1 oz., 30c.

### (A) COSMOS 4-6 ft.

One of the most satisfactory hardy annuals, flowering in late summer. Fine for cutting and easily grown. Can be sown anywhere and transplanted.

Extra Early Mammoth Mixed. Pkt., 10c; 1 oz., 30c.

Late Mammoth Mixed. Pkt., 10c; 1 oz., 25c.

Extra Early Double Crested Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 50c.

Hollywood Star Mixed. (Tubular Petals). Pkt., 10c;  $\frac{1}{2}$  oz., 50c.

### CYCLAMEN

Beautiful pot plant with flowers of striking beauty and highly ornamental foliage.

Large Flowering Mixed. Pkt., 25c.

### (A) CYNOGLOSSUM

(Chinese Forget-me-not)  
12 in.

This splendid annual produces long sprays of fragrant flowers resembling the forget-me-not.

Amabile. Pkt., 10c; 1 oz., 25c.

### (A) CYPRESS VINE

15 ft.

A beautiful and popular tender climber with delicate fern-like foliage and numerous flowers.

Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

### (P) DELPHINIUM 3-5 ft.

This has always held a prominent position in the perennial garden because of its showy appearance and stately habit.

Belladonna. (Turquoise Blue). Pkt., 10c;  $\frac{1}{2}$  oz., 85c.

Bellamosa (Deep Blue). Pkt., 10c;  $\frac{1}{2}$  oz., 65c.

DeLuxe Choice Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 65c.

Finest Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 55c.

### (A) DAHLIA 3-4 ft.

Easily grown and will bloom the first year if seed is planted early. Pkt., 10c.

### (A) (P) DIANTHUS

(Pinks) 8-10 in.

Easily raised from seed. They flower abundantly and continuously until frost; very effective in the garden and splendid for cutting.

Hedderwigi Double Finest Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

Caesius Cheddar Pink. Pkt., 10c;  $\frac{1}{2}$  oz., 35c;  $\frac{1}{4}$  oz., 55c.

Plumarius Pink Double Mixed. (R). Pkt., 10c;  $\frac{1}{2}$  oz., 35c;  $\frac{1}{4}$  oz., 55c.

### (P) DIGITALIS

(Foxglove) 4-5 ft.

Extra-hardy perennials, producing long clusters of tubular flowers.

Shirley Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 35c.

### (A) DIMORPHOTHECA

(Orange Daisy) 18 in.

Choice garden annual, producing compact, bushy plants with orange daisy-like blooms on long stems.

Aurantiaca. Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

### (A) DOLICHOS

(Hyacinth Bean) 10 ft.

Rapid growing climber bearing pea-shaped blossoms and ornamental seed pods.

Hybrid New Dwarf Pink. Pkt., 10c; 1 oz., 25c.

### (A) ESCHSCHOLTZIA

(California Poppy) 12 in.

A poppy-like flower with silvery, fine cut foliage, blooming from June until frost.

Ramona (Frlled). Pkt., 10c;  $\frac{1}{2}$  oz., 45c;  $\frac{1}{4}$  oz., 75c.

Brilliant Mixed. Pkt., 10c; 1 oz., 30c

### (A) EUPHORBIA 2 ft.

Strong growing annuals, for beds of tall growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

Mexican Fire Plant. Pkt., 10c.

Snow on the Mountain. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

### GAILLARDIA

(Blanket Flower)  $1\frac{1}{2}$ -2 ft.

Splendid showy flowers for beds or borders. Excellent for cutting.

Picta Lorenziana Double Mixed. (A). Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

Dazzler. (P). Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

### (P) (R) GEUM 1-2 ft.

The double, orange-scarlet flowers are very large and full.

Mrs. Bradshaw. Pkt., 10c;  $\frac{1}{2}$  oz., 45c.

### (A) GILIA 2 ft.

Capitata (Blue Thimble). Beautiful, showy plant making a good cut flower. May also be used as an everlasting. Pkt., 10c; 1 oz., 30c.

Tricolor Mixed (Bird's eyes) (1 ft.). Flowers pale lilac, yellow toward the center, with five purple spots. Pkt., 10c; 1 oz., 25c.

### (A) GODETIA 10-20 in.

Satiny, saucer-shaped flowers in various colors.

Dwarf Single Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 50c.

Tall Double Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

### (A) GOMPHRENA 12 in.

A showy, everlasting flower with clover-like heads.

Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 60c.

### (A) GOURDS 20 ft.

The small fancy Gourds are excellent toys for children, while the larger ones may be used for various purposes.

Mixed. Pkt., 10c; 1 oz., 40c.

### GYPHOPHILA

(Baby's Breath) 2 ft.

Pretty free-flowering plants excellent for cutting to mix with other flowers.

Elegans Paris Market (White). (A). Pkt., 10c; 1 oz., 25c.

Paniculata (White). (P). Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

Manginii (Light Pink). (P). Pkt., 10c;  $\frac{1}{4}$  oz., 30c; 1 oz., 75c.

For strong, hardy flowers, plant seed in Earth Bands. See page 34.

## HAVE YOU A NOOK OR CORNER FOR NASTURTIUMS?

### (A) HELICHRYSUM MONSTROSUM

(Strawflower) 2½ ft.

The finest of everlasting for the home garden. They come in a wide range of brilliant and soft colors.

Mixed. Pkt., 10c; ½ oz., 40c; 1 oz., 60c.

### HELIOTROPIUM 2 ft.

A half-hardy perennial which is a universal favorite on account of its delightful fragrance and duration of bloom. Ranges in shades from dark blue to lilac.

Mixed. Pkt., 10c; ½ oz., 45c.

### HOLLYHOCK 6-8 ft.

One of the best garden flowers in various colors. It makes a charming background.

Chater's Superb Double Mixed. (P). Pkt., 10c; ¼ oz., 45c; ½ oz., 80c.

Single Mixed. (A). Pkt., 10c; 1 oz., 25c.

### (A) IPOMEA (Japanese Morning Glory) 12 ft.

A rapid climber with beautiful foliage and large radiant blossoms in various colors.

Mixed. Pkt., 10c; 1 oz., 25c.

### (A) KOCHIA (Mexican Fire Bush or Summer Cypress) 2½ ft.

An easily grown cypress-like hedge with feathery foliage which turns to beautiful bronze red.

Trichophylla Childsii. Pkt., 10c; 1 oz., 25c.

### (A) LANTANA 2 ft.

Fragrant plant with verbenalike flowers in shades of white, red and yellow. May be grown in pots.

Mixed. Pkt., 10c.

### (A) LARKSPUR 2-3 ft.

A graceful plant with fern-like foliage and slender spikes of rosette shaped flowers. Fine for cutting.

La France (Salmon Pink). Pkt., 10c; ½ oz., 45c; ¼ oz., 75c.

Dark Blue. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

Emperor Mixed. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

### (P) LATHYRUS LATIFOLIUS

(Hardy Sweet Peas) 5 ft.

Charming climber for covering trellises and arbors with large clusters of pink, white and rose flowers.

Mixed. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

(R) LINUM (Flax) 18 in. An attractive border or rock plant.

Grandiflorum Rubrum. (Scarlet). (A). Pkt., 10c; 1 oz., 25c.

Perenne Sibiricum (Blue). (P). Pkt., 10c; ½ oz., 30c.

### (A) LOBELIA 4 in.

Plants of good habit having dark stems and leaves tinged with reddish brown. Flowers deepest blue.

Crystal Palace Compacta. Pkt., 10c; 1-16 oz., 40c; ½ oz., 75c.

### (A) LUNARIA (Honesty) 2 ft.

This is sometimes called "Peter's Penny." The silvery seed pods are dried and used for winter bouquets.

Pkt., 10c.

### (A) LUPINS 2-3 ft.

A free flowering easily grown plant with long spikes of pea-shaped flowers. It is valuable for mixed borders, bedding and cutting.

Hartwegi Dark Blue. Pkt., 10c; 1 oz., 25c.

Texanus Blue Bonnet. Pkt., 10c; ½ oz., 30c; 1 oz., 45c.

All Sorts Mixed. Pkt., 10c; 1 oz., 25c.

Polyphyllus Mixed (P). Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

### (A) MARIGOLD 15 in.

In autumn when many bedding and other plants are past their prime Marigolds afford a wealth of color that is invaluable.

African Dwarf Double Mixed. Pkt., 10c; ½ oz., 30c.

French Dwarf Double Mixed. Pkt., 10c; ½ oz., 30c.

### (A) MARVEL-OF-PERU (Four O'Clock) 2 ft.

Free flowering garden favorites with very showy flowers in many bright colors.

Mixed Dwarf. Pkt., 10c; 1 oz., 25c.

### MATRICARIA 12-15 in.

This is an attractive bedding plant in white and yellow.

White. (A). Pkt., 10c; ½ oz., 30c.

Golden Ball. (P). Pkt., 10c; ½ oz., 50c; ¼ oz., 85c.

### (A) MIGNONETTE 15 in.

Useful as a cut flower with showier flowers that lack fragrance.

Machet. Pkt., 10c; 1 oz., 30c.

Large Flowering Mixed. Pkt., 10c; 1 oz., 30c.

### (P) (R) MYOSOTIS

(Forget-me-not) 8 in.

A lovely star-like, trailing spring flower. Very effective when planted with Pansies and Daisies.

Alpestris Blue. Pkt., 10c; ¼ oz., 45c.

### (A) NEMESIA 18 in.

A fine bedding annual with large flowers varying in color from creamy white to deep orange and carmine.

Strumosa Suttoni Mixed. Pkt., 10c; 1-16 oz., 35c; ½ oz., 70c.

### (A) NICOTIANA 2 ft.

Produces an abundance of sweet scented, star-shaped flowers blooming continually.

Affinis Grandiflora Mixed. Pkt., 10c; ½ oz., 30c.

### (A) NIGELLA

(Love-in-a-mist) 18 in.

Lovely garden annual with fine cut green foliage and curious looking flowers and seed pods.

Miss Jekyll Blue Double. Pkt., 10c; ½ oz., 30c.

### (A) NASTURTIUM

The dwarf Nasturtiums make a good border and beautiful and fragrant cut flowers. The tall ones are fine for trailing. The Nasturtium pods may be used for pickling.

Dwarf Mixed (1 ft.). Pkt., 10c; 1 oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 85c; 1 lb., \$1.50.

Tall Mixed. (5 ft.). Pkt., 10c; 1 oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 85c; 1 lb., \$1.50.

California Giants Tall Mixed. (5 ft.). Pkt., 10c; 1 oz., 25c.

For hand tools to use in your Flower Garden, see page 49.

## THE IDEAL PANSY — MASTERPIECE

### (A) OENOTHERA (Evening Primrose) 2 ft.

A neat plant with large, saucer-shaped, brilliant yellow flowers, which open at dusk and emit a delightful perfume.

Lamarckiana. Pkt., 10c; 1 oz., 25c.

### (A) PANSY 6 in.

A favorite with flower lovers. Their many colored, cheerful faces always seem to make one welcome.

Large Flowering Mixed. Pkt., 10c; 1/4 oz., 30c; 1/4 oz., 55c.

Masterpiece Mixed. Pkt., 10c; 1-16 oz., 45c; 1/8 oz., 85c.

Trimardeau Mixed. Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 65c.

Viola Cornuta Mixed. (Tufted). Pkt., 10c.

Viola Odorata, Dark Blue. (Sweet Scented Violets). Pkt., 15c.

### (A) PENTSTEMON (Beard Tongue) 2 ft.

Large spikes of gloxinia-like flowers of the most brilliant and varied colors.

Sensation Improved. Pkt., 10c; 1-16 oz., 50c; 1/8 oz., 85c.

### (A) PETUNIA 1-1 1/2 ft.

This has few equals for the flower garden, porches, or window boxes. They commence blooming early and continue until killed by frost.

Howard's Star. Pkt., 10c; 1/4 oz., 50c; 1/4 oz., 85c.

Balcony Mixed. Pkt., 10c; 1/4 oz., 85c; 1/4 oz., \$1.60.

Compacta Virolea (Deep Violet). Pkt., 10c; 1/8 oz., 65c; 1/4 oz., \$1.15.

### PHLOX

These make a magnificent show in beds and masses where the brilliant and varied colors produce a gorgeous effect.

Drummond's Mixed. (A). (1 ft.). Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c.

Star Mixed. (A). (1 ft.). Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.

Decussata Mixed. (P). (3 ft.). Pkt., 10c; 1-16 oz., 50c; 1/8 oz., 85c.

### (P) PHYSALIS (Chinese Lantern) 2 ft.

Produces large, orange-scarlet pods useful for winter bouquets.

Francheti. Pkt., 10c; 1/4 oz., 55c.

### (A) POPPY 2 ft.

This is a big family, ranging in color from pure white through tones of salmon, pink and rose to brilliant red. The perennial Poppies do not flower the first year.

Carnation Mixed. Pkt., 10c; 1 oz., 25c.

Single Shirley Mixed. Pkt., 10c; 1 oz., 25c.

Double Paeony Mixed. Pkt., 10c; 1 oz., 25c.

Santa Barbara (Yellow Tulip Poppy). Pkt., 10c; 1/4 oz., 35c.

Glaucom (Dazzling Scarlet Tulip Poppy). Pkt., 10c; 1/2 oz., 40c; 1 oz., 60c.

Double Mixed. Pkt., 10c; 1 oz., 25c.

Nudicaule Mixed. (Iceland). (P). Pkt., 10c; 1/4 oz., 50c.

Oriental Mixed. (P). Pkt., 10c; 1/4 oz., 50c.

### (A) (R) PORTULACA (Sun Plant) 6 in.

A beautiful annual unsurpassed in brilliance. It is of low growth, thriving in almost any location.

Double Mixed. Pkt., 10c; 1-16 oz., 35c; 1/8 oz., 60c.

Single Mixed. Pkt., 10c; 1/2 oz., 40c; 1/2 oz., 70c.

### PRIMROSE

These are extremely free-flowing and showy pot plants for winter blooming.

Chinese Large Flowering Fringed Mixed. Pkt., 25c.

### (P) PYRETHRUM (Painted Daisy) 2 ft.

A showy plant bearing a profusion of large, daisy-like blooms in shades of rose, pink and white. Blooms during spring.

Roseum Single and Double Mixed. Pkt., 10c; 1/4 oz., 55c.

### (A) RICINUS (Castor Oil Bean) 6-8 ft.

Large, rapid growing, ornamental foliage plants for beds or singly on lawns.

Mixed. Pkt., 10c; 1 oz., 20c; 4 oz., 55c.

### (P) RUDBECKIA (Cone Flower) 3 ft.

Large, peculiar reddish-purple flowers with a large brown cone-shaped center.

Purpurea. Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c.

### (A) SALPIGLOSSIS (Painted Tongue) 2 ft.

For delicate grace of habit, richness of coloring and velvety texture, the regal Salpiglossis has practically no equal.

Gloxiniaflora Mixed. Pkt., 10c; 1/4 oz., 40c.

### (A) SALVIA (Scarlet Sage) 2 ft.

The plants have a neat and clean appearance and are completely covered with spikes of dazzling scarlet flowers from mid-summer until frost.

Bonfire. Pkt., 10c; 1/8 oz., 50c.

### (A) SCABIOSA (Pincushion) 2 ft.

Bloom freely through summer and autumn. Very effective for beds or borders and valuable for cutting.

Grandiflora Mixed. Pkt., 10c; 1/2 oz., 30c.

### (A) SCARLET RUNNER 10 ft.

This is a rapid growing, running bean with scarlet pea shaped blossoms and dense foliage. Pkt., 10c; 1 lb., 40c.

### (A) SENSITIVE PLANT 12 in.

A most interesting plant which will fold its foliage when touched. Pkt., 10c.

**Our brilliant orange Campfire (Sensation) Calendula is immense. See page 29.**

## TRY OUR FLOWER GARDEN MIXTURES

### (A) SWEET PEAS

(Spencer) 3-5 ft.

#### USE



#### TO INOCULATE

Early in spring make a trench 3 to 4 inches deep in loose, rich, mellow ground. Arrange so that water will not stand in the trench. Cover with only 1 inch of soil at first. Later cultivate and gradually fill up the trench. If ground is heavy, a little sand at the bottom of the trench and seed covered with sand will be of much advantage. When 4 inches high prepare support for the vines, preferably a wire netting firmly supported by stakes. Keep well moistened during dry weather. Sow 1 oz. to 20 ft. row.

**Austin Frederick Improved.** (Lavender).

**Crimson King** (Deep Crimson).

**Defiance.** (Orange Scarlet).

**Elfrida Pearson.** (Shell Pink).

**Heavenly Blue.** (Delphinium Blue).

**Snowball.** (White).

**The Cardinal.** (Poppy Scarlet). Pkt., 10c; 1 oz., 35c; 2 oz., 65c; 4 oz., \$1.10

**Best Spencer Mixed.** Large Flowering. Pkt., 10c; 1 oz., 20c; 2 oz., 35c; 4 oz., 65c; 8 oz., \$1.20; 1 lb., \$2.25.

### (R) STATICE

(Sea Lavender) 2 ft.

Splendid plants for either border or rockery. All summer they produce spikes of small flowers which can be dried and used for winter bouquets.

**Sinuata Mixed.** (A). Pkt., 10c; ½ oz., 30c.

**Latiofla, Deep Blue.** (P). Pkt., 10c; 1-16 oz., 35c; ¼ oz., 60c.

### (A) STOCKS 1½ ft.

Early, large, double, fragrant, rosette shaped flowers, fine for garden, bedding or cutting.

**Mammoth Early Nice Mixed.** Pkt., 10c; ¼ oz., 50c; ½ oz., 85c.

**Giant Perfection Mixed.** Pkt., 10c; ¼ oz., 50c; ½ oz., 85c.

### (P) (R) STOKESIA 2 ft.

These flowers appear to be a cross between a China Aster and a giant Cornflower.

**Cyanea Mixed.** Pkt., 10c; 1-16 oz., 45c; ¼ oz., 75c.

### (A) SUNFLOWER

(Helianthus) 5 ft.

Excellent for background work. Pkt., 10c; ½ oz., 30c.

### (P) SWEET ROCKET 2 ft.

Excellent for the garden and for cutting. Pkt., 10c; ½ oz., 30c.

### (P) SWEET WILLIAM

18 in.

An excellent border plant and fine for cut flowers.

**Dark Crimson.** Pkt., 10c; ¼ oz., 40c.

**Pink Beauty.** Pkt., 10c; ¼ oz., 40c.

**Double Mixed.** Pkt., 10c; ¼ oz., 35c.

### (A) THUNBERGIA

(Black-eyed Susan) 4 ft.

Free flowering, handsome climber of rapid growth. Splendid for hanging baskets or window boxes.

**Finest Mixed.** Pkt., 10c; 1 oz., 35c.

### (A) VERBENA 8 in.

This popular creeping plant has dark green foliage, which is enlivened with clusters of many bright colored flowers.

**Hybrida Grandiflora Mixed.** Pkt., 10c; ¼ oz., 35c.

### (P) (R) VERONICA

2-3 ft.

A showy plant for sunny borders, belonging to the foxglove order.

**Spicata Mixed.** Pkt., 10c.

**Longifolia.** Deep Blue. Pkt., 15c

### (A) VINCA

(Periwinkle) 1 ft.

An excellent edging and border plant with round single flowers that bloom freely all summer.

**Mixed.** Pkt., 10c; ¼ oz., 35c.

### WALLFLOWER 1-1½ ft.

The oriental coloring of the fragrant flowers is very effective. Very suitable for pot culture.

**Annual Double Mixed.** Pkt., 10c; ¼ oz., 40c.

**Perennial Single Mixed.** Pkt., 10c; ¼ oz., 35c.

### (A) WILD CUCUMBER

One of the quickest growing vines. It is excellent for covering trellises, fences, etc. Pkt., 10c; 1 oz., 30c.

### (A) XERANTHEMUM 2 ft.

Bright and pretty everlasting with silvery foliage and silky flowers in pink, white and purple.

**Double Mixed.** Pkt., 10c; ½ oz., 30c.

### (A) ZINNIAS

(Youth and Old Age) 3-4 ft.

One of the most gorgeous annuals with a wonderful range of color. This old-fashioned flower is extremely double, has long stems, and continues to bloom until killed by frost.

**Giant Mammoth Mixed.** Pkt., 10c; ¼ oz., 30c; ¼ oz., 50c

#### Dahlia Flowered

**Mixed Gold Medal.** (Special). Pkt., 10c; ¼ oz., 30c; ¼ oz., 50c.

**Golden State.** Pkt., 10c; ¼ oz., 40c; ¼ oz., 75c.

**Crimson Monarch.** Pkt., 10c; ¼ oz., 40c; ¼ oz., 75c.

**Purple Prince.** Pkt., 10c; ¼ oz., 40c; ¼ oz., 75c.

**Exquisite (Rose).** Pkt., 10c; ¼ oz., 40c; ¼ oz., 75c.

**Elegans Lilliput Mixed.** (Pompon) (12-15 in.). Pkt., 10c; ¼ oz., 35c.

### WILD GARDEN MIXTURE

A well-balanced mixture of hardy annuals suitable for planting in odd corners and vacant lots. Gives excellent experience for children's planting. Pkt., 10c; 1 oz., 25c.

### CUT FLOWER GARDEN MIXTURE

A mixture of hardy annuals blended to give a continuous succession of cut flowers from early summer until late fall. Pkt., 10c; 1 oz., 25c.

For a rich, dark red Aster, use our Heart of France. See page 28.

Prices on this page are all F. O. B. Lansdale



## GARDEN HOSE

$\frac{3}{8}$ in. Moulded, per ft.	10c
$\frac{1}{2}$ in. Moulded, per ft.	12c
$\frac{3}{4}$ in. Moulded, per ft.	15c

## "Norcross" Cultivator-Hoes and Weeders

5-prong, 4 ft. handle	\$1.10
3-prong, 4 ft. handle	80c
"Midget," 9 in. handle	45c

## SPRAY HOSE

$\frac{1}{2}$ inch High Pressure, per ft.	20c
$\frac{3}{8}$ inch High Pressure, per ft.	17c

# Bird's IMPROVED NEPONSET Flower Pots

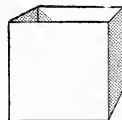


	Doz.	100	1000
2 $\frac{1}{4}$ inch size Red	12c	55c	\$4.40
3 inch size Red	18c	90c	\$6.80
4 inch size Red	24c	\$1.40	\$11.25
5 inch size Red	30c	\$1.95	\$16.75

## BIRD'S EARTH BANDS

For starting seed. Made of paper in square form. Especially convenient when transplanting, as plants do not need to be removed from the band, and, thereby soil is kept fastened to the roots.

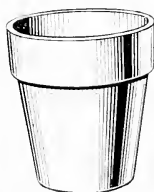
2x2x2  $\frac{1}{2}$  1000, \$3.50; 100, 40c; less,  $\frac{3}{4}$ c each.  
3x3x3—1000, \$4.25; 100, 50c; less, 1c each.



### Earthen Pots—Select Stock

10 or More at 100 Price

4 inch, each 4c.	100.....\$ 3.00
6 inch, each 10c.	100..... 8.00
8 inch, each 21c.	100..... 18.00
10 inch, each 42c.	100..... 37.00
12 inch, each 85c.	100..... 75.00



### Earthen Saucers—Select Stock

10 or More at 100 Rate

4 inch, each 3c.	100.....\$ 2.25
6 inch, each 5c.	100..... 4.50
8 inch, each 9c.	100..... 8.25
10 inch, each 14c.	100..... 12.00
12 inch, each 21c.	100..... 18.00

## Hudson Lawn Mowers

10 inch Wheels

14 inch	\$8.25	16 inch	\$8.70	18 inch	\$9.35
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## Great States Lawn Mowers

Junior—Low Wheel, 8-Inch

14 inch	\$8.75
16 inch	\$9.25

Senior—High Wheel—10-inch.

14 inch	\$10.75
16 inch	\$11.00
18 inch	\$11.25

## Japanese Beetle Traps

Porter Single	35c	Suspension Rods	30c ea.
Challenge Double	\$1.50 ea.	Bait, $\frac{1}{2}$ pt. Can	25c
		Bait, $\frac{1}{4}$ pt. Can	12c

JAPANESE CANE STAKES (Dyed Green)—1000, \$9.50; less @ 1c each.  
WOODEN MARKERS—100, 60c; 50, 35c; less @ 1c each.

72 page Planet Jr. Seeder and Cultivator Catalog on request.

## Have a Beautiful Lawn Sow Cassel's Dependable Lawn Seed

In starting a lawn a quick-greening grass is usually desired for appearance and is of advantage in order to smother out the weeds that will always naturally grow in new ground. For this we have prepared our **Green Quick Lawn Grass Seed**, which is comprised of a variety of grasses and clovers suitable for giving a velvety green cover within a short time after planting and the reports we have received from our customers prove it to give very pleasing results.

When the lawn has been well established with a good cover of grass from the **Green Quick Lawn Seed**, it is then advisable to add additional seed in the early spring of each year so that the lawn may be well kept up with a fine velvety cover, and for this purpose of top dressing with seed we recommend our **Evergreen Lawn Grass Mixture** which will give splendid results and pleasing appearance, although we do not recommend this **Evergreen Mixture** for starting lawns.

Good seed is of great importance. However, to secure a good lawn, care should be taken in the selection and preparation of the top soil. There should be good, rich, loose ground to the depth of 5 or 6 inches from the level of the lawn and the land should be well drained and graded. Have ground well pulverized and an addition of Bone Meal and Wizard Sheep Manure over the surface, raked in before seed is sown, will be of much advantage. Sow seed at the rate of 2 lbs. for 35 ft. square, which is equal to 1225 sq. ft.; 60 to 100 lbs. per acre. For top dressing in the spring of the year only half this quantity is needed.

In seeding a new lawn where the sower is not well experienced in sowing lawn seed, it will be of advantage to divide the seed in two parts and sow first in one direction, lengthwise, and then sow the second part crosswise. This will avoid a streaky lawn by giving a more even application of seed.

After seed is planted, roll the ground so as to retain moisture to the surface of the lawn.

New lawns should be started during spring and early summer, or after middle of August, but not during the hot summer weather. After seed has started, another application of **Wizard Sheep Manure** may be given to produce more rapid growth. Bone Meal and Sheep Manure should be added each spring to continue a good lawn. If lawn is watered in summer, it should be thoroughly soaked frequently. A light application of water is harmful, as the hot sun will scorch the newly sprouted seed.

### GREEN QUICK LAWN GRASS SEED

This is composed of a selection of the most desirable grasses, including Blue Grass and White Clover, for quickly producing a beautiful lawn and at the same time contains the varieties that are needed to make a permanent lawn, forming a thick, fine turf that will stand drought well. It grows quickly, and we recommend its use on new lawns and embankments. It has been giving most excellent and pleasing results in past years. Contains only the highest reclaimed qualities of the heaviest grades of seed and we avoid using grades of seed that are light and bulky, containing a large amount of chaff, which could be sold at a much less price but cannot produce the desired results. Light weight seed containing much chaff is usually sold by quart or bushel measure and to the buyer this is paying for an unknown quantity and quality.

1 lb., 45c; 10 to 24 lbs., @ 43c lb.; 25 lbs. and over @ 40c lb.

### EVERGREEN LAWN GRASS SEED

This mixture is prepared especially for seeding established lawns during the spring and early summer to renew and maintain a continued thick, soft, velvety turf, containing sufficient White Clover to produce a beautiful blend of grasses.

1 lb., 50c; 10 to 24 lbs., @ 48c lb.; 25 lbs. and over @ 45c lb.

### SHADY LAWN GRASS SEED

Prepared especially for use under trees and in shaded spots.

1 lb., 60c; 10 to 24 lbs., @ 58c lb.; 25 lbs. and over @ 55c lb.

### BLUE GRASS

KENTUCKY—Highest quality.

Extra heavy seed.

\$45.00 per 100 lbs.; 50c per lb.

CANADIAN—

\$35.00 per 100 lbs.; 40c per lb.

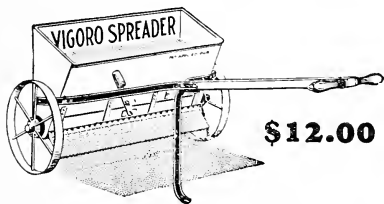
CREeping BENT—per lb., \$1.10.

### WHITE DUTCH CLOVER

Generally used for lawns. Also used in mixtures for permanent pasture. Our quality is extra fancy.

We make special effort to obtain this extra fancy quality, which is not to be compared with most of the White Clover offered.

100 lbs., \$45.00; 1 lb., 50c.



for Velvety-green Lawns  
feed regularly with this  
complete, balanced diet

**VIGORO**  
Complete plant food



Steamed Bone Meal enriches ground, stimulates vigorous growth. See page 44.

## FARM SEEDS

We carry a full line of carefully selected highest purity Farm Seeds and we are in position to satisfy the most critical trade. We list only one grade, the highest quality—cream of the crop. Lower grades can be sold at lower price. Grasses not listed hereon will be quoted on request.

The market on Farm Seed is variable and therefore prices cannot be held good for any length of time. The following quotations are prices ruling at time of issuing catalog. However, these prices are strictly subject to change without notice and are subject to our confirmation and stock being unsold on receipt of order. Ask for firm quotations when ready to buy. Values are all based on strictly cash prices at time of getting seed. The bushel price applies on quantities of 11 lbs. and over. Ten lbs. and less charged slightly higher.

### We Pay Freight or Postage

On Any Quantity

Red Clover, Alsike, White Blossom Sweet Clover and Alfalfa to any freight station in Pennsylvania, New Jersey, Maryland and Delaware when remittance is enclosed with order.

Other Farm Seeds are F. O. B. Lansdale

BAGS FREE

TERMS CASH

## RED CLOVER

Red Clover is the most largely grown and most generally useful legume crop in America. In feeding value, the hay ranks next to Alfalfa. As a soil builder it is the equal of any and superior to most because it is so well adapted to growing in rotation. It should be grown on every farm where soil and climate conditions permit. Its ability to gather nitrogen at its roots and leave the soil in such form as can be readily used by crops that will follow makes it especially valuable. It is usually grown for hay or in mixtures with other grasses, chiefly Timothy. It nearly always follows small grain in the rotation scheme. Being biennial, it will last for two seasons under good conditions. If sown with Timothy, the Clover usually predominates the first season and Timothy the second season. The ideal time to sow Clover is during the late winter or early spring on a morning when the soil is honey-combed by frost. The first slight thaw will enclose nearly every seed and enable it to start a strong growth. Sow 4 to 6 quarts per acre in the spring where Timothy has been sown earlier. If Clover only is desired, sow 6 to 8 quarts per acre.

USE



TO INOCULATE

### Our "Dependable" Brand Red Clover One Quality Only—The Very Best

For season 1931 we have provided seed, selected from the highest qualities obtainable and from the best producing sections. It is extra re-cleaned over special process re-cleaning mills, and is of high purity and germination. It is Northern grown from sections that will withstand severe winter. We have seed of our "Dependable" brand from two sources, both highest quality, "Domestic" being grown in the United States and "Adaptable" seed being grown in Northern sections of the old country which is stained 1% green to identify the seed and indicate its adaptability for use in Pennsylvania and surrounding sections as proven by government and State Experiment Station tests. Samples on request. Market is uncertain—subject to change.

#### ADAPTABLE

Purity above 99.50%

**Bushel \$15.90**

100 lb., \$26.50; 10 lbs. and less, 28½c lb.

#### Domestic

**U. S. Gov't. verified origin**

Purity above 99.60%

**Bushel \$18.00**

100 lb., \$30.00; 10 lbs. and less at 32c lb.

We PAY FREIGHT on any quantity Red Clover as mentioned above.

**New Big Royal Brooder Stoves, 500 Chick size, \$14.75. See page 50.**



**OUR FARM SEEDS ARE BEST QUALITIES OBTAINABLE**

## **ENRICH YOUR SOIL FERTILITY with White Blossom Sweet Clover**

This has come to the front rapidly in recent years for forage, pasture and soil improvement. Will grow in almost any climate and on almost any type of soil, thriving on land too poor for

### **USE**



### **TO INOCULATE**

Excellent results have been obtained by sowing Sweet Clover at the last cultivation of corn for plowing under following spring.

Our present stock of White Blossom Sweet Clover is of unusually high quality, large, bright seed. Dakota Grown. This grade of seed is not to be compared with the ordinary qualities that are generally offered.

Bus., \$6.90; 100 lbs., \$11.50; 10 lbs. or less @ 13½c lb.

We Pay Freight on Sweet Clover. Bags Free. See page 1.

**YELLOW BLOSSOM SWEET CLOVER** quoted on request.

## **TIMOTHY SEED**

This has been the standard and most widely grown hay grass seed for many years on account of the cheapness of the seed and ease and low cost of growing, which makes it the most profitable grass wherever conditions permit its cultivation. It is a short-lived perennial except under unusually favorable conditions. A stand does not last more than 4 to 5 years. It grows in stools or clumps and does not form a sod.

Our **DEPENDABLE QUALITY** seed is the "Cream of the Crop," the purity running from 99.65% to 99.90%. We are very particular in selecting our Timothy Seed so as to have plump, large seeds, of bright color which will please the most critical buyers. Sow 8 to 10 lbs. per acre, with Wheat and if alone, 15 to 20 lbs. per acre.

Bus., 45 lbs., \$5.40; 100 lbs., \$12.00; 10 lbs. and less @ 14c lb.

## **ALSIKE**

Alsike Clover is a biennial similar in growth and equal in feeding value to Red Clover. However, not quite as large, of a finer stem and blossoms are white with pink tips, ripening about ten days earlier than Red Clover. Being a finer hay it is sometimes preferred by stock but the yield is not equal to Red Clover. Seed is of smaller size than Red Clover and will go further at less cost and is somewhat more sure in taking. Is generally used in connection with Timothy, Red Clover or pasture mixtures. Stands a variety of temperatures and is less likely to winter kill and, owing to its spreading root, it seldom is effected by heaving out action of frost. When used with Red Clover in early spring, a combination of one part Alsike and two parts Red Clover is desirable. When sown alone, use 3 to 5 quarts per acre. Inoculation will be profitable.

Our seed is of extra high quality and purity.

Bus., 60 lbs., \$16.20; 100 lbs., \$27.00; 10 lbs. and less @ 29c per lb.

We Pay Freight on any quantity Alsike—Bags Free. See page 1.

## **PERMANENT PASTURE MIXTURE**

We have in stock all the Grasses and Clovers to make the best mixtures. Owing to the varied conditions and uses for which this is wanted it is to our customers' best advantage to have mixtures made for each individual need, for we find no one mixture fills every need. Tell us your requirements and kind of mixture you desire and we will quote lowest prices.

**Cassel's Giant Delicious Peas.** A new variety of merit. Try them. See page 19

## ALFALFA

Alfalfa deserves to rank first among legumes. It is the mainstay of the dairy man, furnishing more green forage and more dry hay per acre than any other known variety of grass for hay. It is relished by the stock for feed. It is worth more per pound as dry matter than any other forage

### USE



### TO INOCULATE

Alfalfa the growing and plowing under of one or two crops of sweet clover or soja beans will prove helpful. Seed should be inoculated, which assists nature in developing a hardy growth, and this can be done at small cost. Seed may be sown as soon as the ground can be put in condition in Spring. August is also a desirable time if weather will permit. Even though all the above conditions are complied with, it is important to have the highest quality seeds of known origin.

Our seed, as offered below, is all of the highest quality obtainable, with average purity from 99.50% to 99.75%, of origin that it adaptable for use in Pennsylvania and adjoining sections and the cream of the crop. Sow 20 to 25 pounds per acre. A small quantity is often used in connection with red clover and alsike to assist in inoculating ground for later alfalfa stand.

## Dependable Alfalfa Seed

### NORTHWESTERN GROWN

Verified Origin—Purity 99.50%

Bus., 60 lbs., \$16.80; 100 lbs., \$28.00; 10 lbs. and less @ 30c lb.

We Pay Freight on any quantity. Bags Free. See page 1.

### GRIMM'S—Certified, Northwestern Grown

In hardness it is the safest type to grow wherever there is trouble with winter killing.

Bus., 60 lbs., \$21.00; 100 lbs., \$35.00; 10 lbs. and less 37c per lb.

We Pay Freight on any quantity. Bags Free. See page 1.

## SPRING WHEAT

MARQUIS—Two bu. per acre. This variety has proven most adaptable for Eastern Pennsylvania and has given best results. It is about 10 days earlier than ordinary types which means much in avoiding damage by smut, rust and hot dry winds. It has outyielded other spring wheats. Beardless, with smooth yellow chaff. While it cannot be sold as low in price as some ordinary kinds, it is more profitable and will prove well worth the difference in cost. Our stock is fancy re-cleaned.

Bags Free.

Bushel, 60 lbs., \$2.00.

F. O. B. Lansdale



Cyclone Seeder, \$2.20  
Postpaid  
See Page 1.

Our customers take no risk when buying from us, as all merchandise we sell must please you or you may return it within 5 days from date of purchase and amount paid will be refunded.

Our Seed Corn is germination tested. See assortment varieties on page 35.

## **Increase Your Crops by enriching your soil with SOY BEANS**

Soy Beans have come from the Orient where they have been grown for centuries for both human and animal food. They can be grown wherever corn can be grown and serve a double purpose, for forage in the way of hay, pasture or silage and for soil improvement. The hay or silage has great value for its high protein content and best results are obtained when fed with corn. Will grow in almost any kind of soil but require warm weather. Should be sown between May 10th and July 15th. There are many different varieties but we offer only those which produce the most satisfactory results in this section. Plant one to two bushels per acre.

USE



TO INOCULATE

Prices are variable.

**EARLY MANCHU**—This variety is about 8 days earlier and excels the Wilson in quantity produced per acre as proven by tests made in Pennsylvania. Owing to this season's short crop of Wilson Black they are offered at a lower price than Wilson.

Bu., 60 lb., \$2.45; pk., 75c. F. O. B. Lansdale.

### **WILSON BLACK**

Bu., 60 lb., \$3.60; pk., \$1.00. F. O. B. Lansdale. Bags Free.

This variety has been the favorite among Eastern farmers as a general purpose variety. Matures in about 120 days. One of the best for hay and silage on account of its tall growth and slender stems and branches which make the finest hay. On poor ground will grow as high as 4 feet and on fertile ground as high as 6 feet. This variety is early enough to mature beans in Southeastern Pennsylvania. The bean is black and medium sized, therefore having a greater number of beans to the bushel.

### **MAMMOTH YELLOW**

Bus., 60 lbs., \$2.75; pk., 80c. F. O. B. Lansdale. Bags Free.

This variety is used in Pennsylvania for hay and plowing under only, as the beans will not mature on account of being a late variety. Seeds are yellow and larger than Wilson Black. Growth is large, coarse and bushy.

## **SEED OATS**

Use Ceresan  
To Disinfect Oats

Usually from 2½ to 3 bushel are sown per acre. The market on Oats is usually variable. We describe our leading varieties below and when ready to buy will appreciate your calling us on the phone or writing for firm quotations which we will endeavor to make attractive.

### **Selected Heavy Swedish Type Seed Oats**

This is a Swedish type of selected oats adapted for use throughout Eastern Pennsylvania. It is recleaned over our special recleaning process avoiding the danger of Mustard and other undesirable weed seeds and assuring large, full sized grains which permits a smaller quantity being sown to the acre.

Recleaned—Bus., 32 lbs., 75c. Extra XX Recleaned—Bus., 32 lbs., 80c.

Bags Free. F. O. B. Lansdale

### **White Russian Seed Oats**

This variety has been in demand for several years and met with favorable results. The growth is somewhat on the manner of horse mane or side type. Hull is thin, straw is stiff, a good yielder and ripens midseason. Market variable.

Bu., \$1.10. Bags Free. F. O. B. Lansdale.

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## **Recleaning of Farmers' Own Grain for Seed**

We are Equipped to do at the Following Prices:

Wheat and Rye, 20c per 100 lbs.; Oats, 25c. per 100 lbs.; Timothy and Clover, 40c per 100 lbs. Minimum charge 50c.

"CERESAN"—A dust disinfectant for controlling smut and other diseases of Wheat, Oats, Barley and Rye. 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.

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Mail orders will receive careful, quick and efficient service.

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## CASSEL'S DEPENDABLE FARM SEEDS

10 lbs. and less at lb. price. 11 lbs. and over at 100 lb. price. Bags Free.

### SUDAN GRASS

Belongs to the Sorghum family. May be cut 3 or 4 times a season. For hay and summer pasture. Adapted to any soil and most climates, will stand hot weather and can be planted very late. Is a good catch crop. Makes pasture in 30 days. Yields heavy crop of leafy fine stemmed hay, rich in feeding analysis and relished by livestock. Plant as soon as weather is warm. In rows 4 to 6 lb. per acre. Broadcast 15 to 25 lb. per acre.

\$9.75 per 100 lbs.; 12c per lb.

Freight prepaid. See page 1.

### Herd Grass or Red Top

Solid seed. Unusually high grade. Purity 98%.

\$32.00 per 100 lbs., 37c per lb.

Freight Prepaid. See page 1.

### CRIMSON CLOVER

Used as a soil enricher. Generally sown at the last time of corn cultivation. 15 lbs. per acre.

Bus., \$8.10; 100 lbs., \$13.50; lb., 15½c.

Freight Prepaid. See page 1.

### Mammoth Red Clover

In appearance much like ordinary medium Red Clover. Stalk a little coarser. Grows taller, ripens later, produces more heavily. Sown like Red Clover.

Price on request.

### Canadian Field Peas

This is entirely different from the regular Cow-pea. For best results

USE

should be sown with oats, using 1 bu. peas to 2 bu. oats per acre. Desirable for both green feed and hay. Our stock is extra fancy.



TO INOCULATE

\$2.95 per bu. Peck, 90c.

Freight Prepaid. See page 1.

### COWPEAS

Whip-poor-will variety is most generally known. Mature early. Sow one bu. per acre. Ask for price.

### DWARF ESSEX RAPE

Used as a quick pasture for cattle, hogs and sheep. Sow four to six lbs. per acre.

\$7.50 per 100 lbs.; 10c lb.

Freight Prepaid. See page 1.

### ORCHARD GRASS

Sow 30 to 40 lbs. per acre.

Ask for prices.

### BARLEY

Two bus. per acre usually sown.

Six row, \$1.60 bus., 48 lbs.

F. O. B. Lansdale

### VETCH

USE

SAND or HAIRY—30

lbs. per acre. 1s used

for hay or plowing under.



TO INOCULATE

\$11.50 per 100 lbs.; lb., 14c.

SPRING—\$6.50 per 100 lbs. Per lb., 9c.

Freight Prepaid. See page 1.

### Sorghum or Amber Cane

In drills 12 lbs. per acre. Broadcast 40 to 50 lbs. to acre.

\$6.50 per 100 lbs.; 9c per lb.

Freight Prepaid. See page 1.

### SPELTZ or EMMER

Ask for prices.

### SPRING RYE

Two bu. per acre.

Ask for prices.

### WINTER WHEAT

Our stock is re-cleaned over special process. Get in touch with us in August or early September for prices. Leading varieties are Leap's Prolific, Forward and Pennsylvania "44."

### BUCKWHEAT

JAPANESE—Sow early in July about 1 bu. per acre.

\$1.80 per bu., 48 lbs. F. O. B. Lansdale.

### MILLET

Sow 1 bu. to acre

GOLDEN—

\$3.20 per bu., 50 lbs.; 9c per lb.

HUNGARIAN—

\$3.20 per bu., 48 lbs.; 9c per lb.

JAPANESE—

\$7.00 per 100 lbs.; 9c per lb.

F. O. B. Lansdale

CASSEL'S DEPENDABLE SEEDS—FEEDS—POULTRY SUPPLIES are sold on a "Money Back Plan." If any merchandise you buy from us does not please you—return it within five days and amount paid will be refunded.

To enrich your soil, use White Blossom Sweet Clover. See page 37.

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## OUR SEED CORN IS GERMINATION TESTED

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All Seed Corn Prices are F. O. B. Lansdale. Bags Free.

# SEED CORN

All our Corn is tested and proven to be of high germination before we sell same to our trade. We are extremely particular about the germination of our Corn and those securing our stock should have excellent results. Market is variable. Prices strictly subject to change and unsold.  $\frac{1}{2}$  bushel at bushel rate. All Bags Free. F. O. B. Lansdale.

### LANCASTER COUNTY SURECROP

A Corn that has proven quite satisfactory for giving a profitable crop on ordinary soil. Ear is long, matures in about 100 days, grain is dark in color, otherwise similar to our Montgomery County Surecrop. This is sometimes used as an ensilage corn. We strongly recommend this variety as most desirable for general use. Our stock is extra select.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., 56 lbs., \$3.75.

### GOLDEN SURECROP

Similar to Lancaster County Surecrop, except the color is Golden.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., \$3.75.

### MONTGOMERY COUNTY SURECROP

This variety has met with great favor among our Montgomery and Bucks County farmers. Produces large ears, often 12 inches long, with a broad, medium-long kernel. Light yellow or cream color on the cap or outside of the ear, and a medium yellow dent. Usually matures in about 100 days. Large fodder, and is a Corn that will do well on poorer ground than most Corns. It is also desirable for a yellow ensilage Corn for silos.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., 56 lbs., \$3.75.

### WHITE CAP GOLDEN DENT

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., \$3.75.

### EARLY GOLDEN DENT

A dependable variety, producing a good crop on ordinary soil. Ears good size. Requires about 90 days for maturity.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., \$3.75.

### PENNA. YELLOW FLINT

$\frac{1}{2}$  pk., 60c; pk., \$1.10; bu., \$4.00.

### REID'S YELLOW DENT

$\frac{1}{2}$  pk., 62c; pk., \$1.15; bu., \$4.25.

### LONG'S CHAMPION

An extra large cropper, but requires a long season. Ears are long.

$\frac{1}{2}$  pk., 62c; pk., \$1.15; bu., \$4.25.

### LEAMING

A well-known dependable early variety, about 90 days for maturity.

$\frac{1}{2}$  pk., 60c; pk., \$1.10; bu., \$4.00.

### JOHNSON COUNTY WHITE

The leading White Field Corn.

$\frac{1}{2}$  pk., 62c; pk., \$1.15; bu., \$4.25.

### VIRGINIA ENSILAGE

This variety continues to gain in popularity for ensilage purposes. Makes unusually large growth of broad, thick, succulent fodder. Very productive and may be used for green feeding or silo ensilage. Our stock is bred especially for ensilage purposes and grown in Virginia. We recommend it as most desirable.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., \$3.75.

### EUREKA ENSILAGE

(Virginia Grown)

A well-known, extra large fodder, heavy yielding, white ensilage Corn. Ears are long, often two to a stalk. Should be grown on good land.

$\frac{1}{2}$  pk., 62c; pk., \$1.15; bu., \$4.25.

SEMESAN, JR.—A dust disinfectant for Seed Corn  
4 oz., 50c; lb., \$1.75; 5 lbs., \$8.00.

### STANLEY CROW REPELLENT

Keeps crows from pulling corn. Not poisonous. Saves time of replanting. Satisfaction guaranteed.

Small can, for 1 bu., \$1.00; large can, for 2 bu., \$1.50. Postpaid. See page 1.

### BYE, BYE, BLACKBIRD

For driving away from your confields, crows, blackbirds, woodchucks, gophers, and other plant destroying birds and animals that eat your seed corn and pull up growing plants. Saves replanting. Satisfactory results guaranteed or money refunded.

$\frac{1}{2}$  pt. can (for 1 bu. corn), 85c; 1 pt. can (for 2 bu. corn), \$1.35. Postpaid. See page 1.

IMPROVED SEED CORN NUBBERS—\$1.25



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To enrich your soil, use Manchu Soy Beans. See page 39

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## CASSEL'S DEPENDABLE SEEDS

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All Potato Prices are F. O. B. Lansdale. Subject to Change.

Quantities less than full sacks charged higher.

# SEED POTATOES

## Maine Grown Seed Potatoes

We have a reliable source in Aroostook County of these Northern Grown Seed Potatoes and following are leading varieties. Can supply other varieties.

### IRISH COBBLER

This is the leading and most reliable early white potato. Under favorable weather and soil conditions, with proper fertilizer, will produce a large crop of beautiful, good-sized, round to oblong potatoes. The eating quality is excellent; cooks well and mealy; of vigorous growth and good keepers. We highly recommend them. Present price, subject to change for loading on arrival, per sack of  $2\frac{1}{2}$  bushels—

**Certified, \$5.00 per sack, equal to \$2.00 bu.**

**Second size (from Certified Seed), \$3.95 per sack, equal to \$1.58 bu.**

**Selected Stock, \$4.50 per sack, equal to \$1.80 bu.**

**JERSEY RED SKINS**—For second crop planting. Can supply in July. Prices on request.

### GREEN MOUNTAIN

This is the best known variety of the Maine grown potatoes. It is of the highest eating quality, rather oblong in shape, white flesh, healthy grower. Good keeper, retaining good eating qualities all through the winter and, where conditions of soil and weather are favorable, it is a heavy yielder. Present price, subject to change for loading from car on arrival, per sack of  $2\frac{1}{2}$  bushels—

**Certified, \$5.00 per sack, equal to \$2.00 bu.**

**Second size, from Certified. Sack, \$3.95, equal to \$1.58 bu.**

**Gold Coin (Certified) — Sack, \$5.00.**

## Michigan Grown Russet Potatoes

**Selected Stock grown for seed. Inspected but not Certified**

This variety has proven the most productive, giving the largest yields of any sort we have yet known. They are profitable, therefore a favorite among many potato growers. It is a robust, healthy grower, vines stocky, continuing growth for about two weeks longer than Green Mountains, which is an important factor for large yields, and is especially resistant to diseases and blight; good keeper and of good quality.

This selected stock has been grown in a proven seed producing section for the Russet variety. They are coming from the same reliable source from which we have obtained our stock the past seasons and have given pleasing results. Some of our customers having reported equal results with Certified Seed last season.

Owing to their not being certified we are able to offer these reasonable and at a much lower price than the certified stock.

Present price for booking now, subject to change and unsold

**Packed in sacks of  $2\frac{1}{2}$  bu., at \$1.90 per bu.**

for loading from car on arrival when spring weather opens. Orders are subject to customers approval of stock on arrival.

We will protect our customers ordering now against any decline in our price between now and time car arrives.

## Michigan Grown Certified Russet

Our stock is coming direct from the most desirable potato growing sections of Michigan, and is the best stock available, guaranteed free of frost. Each sack of these Michigan Certified Seed Potatoes is sealed with a lead and wire seal to which is attached the official certification tag of the Michigan Crop Improvement Association.

### ASK FOR PRICES

**IMPROVED SEMESAN BEL** (succeeds Bayer Dieldust)—For effectively controlling potato scab, Rhizoctonia and Black Leg. One pound treats 70 to 80 bushels potatoes, costing  $1\frac{1}{2}$ c to 3c per bushel.

4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

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**For Potato Insecticides, see pages 46 and 47**

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# Inoculate Your Seeds With



## Increase Your Crops—Improve Your Soil The Most Economical Way

To maintain soil fertility every crop rotation should include legumes. To get the best returns from legumes, inoculate the seed with CULTURES. They increase the yield and improve the quality. More nitrogen is drawn from the air by inoculated legumes than is used by the plant itself, thus they add nitrogen and humus to the soil for the benefit of the succeeding grain crops. Up-to-date farmers inoculate these crops.



NITRAGIN is a granular, soil-like substance, in dry form, packed in tins—easy to mix with seed. Directions on every can. Sold on the bushel basis.

The billions of fresh nitrogen-gathering germs in NITRAGIN draw the nitrogen from the air—not the soil—developing heavy clusters of nodules on the roots of the plant where nitrogen is stored. After the harvest, a rich store of nitrogen remains in the soil for future crops.

Contains more than 7 Billion germs in a bu. size, costing the farmer less than 15c per billion. On the NITRAGIN label, the expiration DATE guarantees fresh germs, the GERM COUNT tells you exactly what you are buying.

Alfalfa, All Clovers	Peas, Vetch, Beans,	Soy Beans and Cow Peas	GARDEN NITRAGIN
Size	<sup>1</sup> / <sub>2</sub> bu. ....\$ .40	1 bu. ....\$ .40	Inoculates from one
<sup>1</sup> / <sub>4</sub> bu. ....\$ .40	1 bu. ....\$ .60	2 bu. ....\$ .70	ounce to 8 lbs. seed.
<sup>1</sup> / <sub>2</sub> bu. ....\$ .60	2-3 bu. ....\$ .90	5 bu. ....\$ 1.50	
1 bu. ....\$ 1.00	3 <sup>1</sup> / <sub>2</sub> bu. ....\$ 1.80	10 bu. ....\$ 2.50	Price, 25c.
5 bu. ....\$ 4.75	5 bu. ....\$ 2.50		

All Prices Are Postpaid. When ordering, always specify kind of seed.

The cost of inoculating seed is now so little that it should be profitable to the farmers to make general use of Cultures.

## DUBAY SEED DISINFECTANTS

Increase Production. Prevent Disease Losses.



SEMESAN—For Vegetables, Flowers, Bulbs, etc.  
2 oz., 50c; 1 lb., \$2.75; 5 lbs., \$13.00.

SEMESAN, JR.—For Seed Corn.  
4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00.

CERESAN—For Wheat, Oats, Barley and other Cereals.  
1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.

SEMESAN BEL—For Seed Potatoes.  
4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00.



Cassel's Seeds produce pleasing and profitable results.

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## FERTILIZERS FOR GARDENS AND LAWNS

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### Matchless Market Gardeners Fertilizer

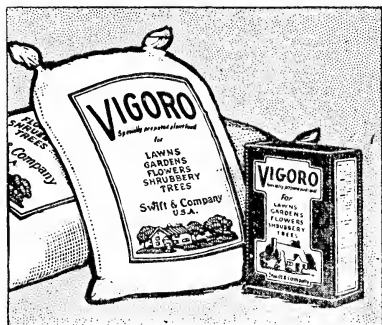
Analysis 5% Ammonia, 8% Phosphoric Acid, 7% Potash. This is a high grade fertilizer with an animal base consisting of tankage, dried blood and bone meal which are humus producers and insure a steady, lasting supply of plant food for the growing of all vegetable crops. It is entirely made up of available plant food, no filler entering into the mixture. 50% of Ammonia content is derived from blood, tankage or bone.

5 lbs., 30c; 10 lbs., 50c; 25 lbs., 85c; 50 lbs., \$1.55; 100 lbs., \$2.75; 500 lbs., \$13.00.

### Bone Meal for Lawn Fertilizer

Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We especially recommend this for lawns, gardens and greenhouses; insures steady, lasting supply of plant food. It is well to apply this during the fall or early in the spring.

5 lbs., 30c; 10 lbs., 50c; 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$3.25; 500 lbs., \$15.50.



### VIGORO

You can beautify your home by having a velvety green lawn, crisp vegetables, colorful flowers, luxuriant shrubbery and stately trees if you will keep in mind the fact that plants like human beings must be fed—and fed the right kind of plant food. You can enjoy these beauties of nature if you use good seed, plants, bulbs, and the right plant food.

VIGORO is especially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy, and luxuriant growth. It is odorless, clean and easy to apply. It can be sown by hand, like grass seed.

100 lbs., \$5.00; 50 lbs., \$3.00; 25 lbs., \$1.75; 5 lbs., 50c.

### FLORANID

(Urea)

46% Nitrogen—equivalent to  
55.9% Ammonia

Floranid is a rich nitrogen fertilizer, in which the nitrogen is in the same chemical form as in liquid manure. Twenty-two pounds of Floranid contain as much nitrogen as a ton of manure. Used principally during the growing season to obtain more rapid growth, richer color of foliage and greater brilliancy of bloom. Also excellent for house plants.

1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.00; 25 lbs., \$5.00; 100 lbs., \$14.00.

### Nitrate of Soda

1 lb., 8c; 5 lbs., 30c; 10 lbs., 55c; 25 lbs., \$1.15; 50 lbs., \$1.90; 100 lbs., \$3.50.

### Acid Phosphate

100 lbs., \$1.50; 500 lbs., \$7.00; 1000 lbs., \$13.00; ton, \$24.00.

### Sulphate of Ammonia

A nitrogenous fertilizer for lawn, garden or fruit.

100 lbs., \$3.90; 50 lbs., \$2.10; 25 lbs., \$1.25; 10 lbs., 60c; 5 lbs., 35c; less @ 8c lb.

### NITROPHOSKA

15-30-15

15% Nitrogen (18.2% Ammonia); 30% Available Phosphoric Acid; 15% Potash.

Nitrophoska is a concentrated, complete fertilizer containing all of the three essential plant-foods—nitrogen, phosphoric acid and potash. It is three to five times as rich in actual plant-food as the ordinary commercial fertilizer. "A little goes a long way." A wonderful fertilizer for lawns, shrubbery, flowers and vegetables.

1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.00; larger quantity prices on request.

### Murite of Potash

100 lbs., \$3.40; 50 lbs., \$1.85; 25 lbs., \$1.00; 10 lbs., 50c; 5 lbs., 30c.

### Hyper-Humus

An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with  $\frac{1}{2}$  to 2 inches of Humus and spaded in.

5 lbs., 35c; 10 lbs., 60c; 25 lbs., 85c; 50 lbs., \$1.35; 100 lbs., \$2.25; 500 lbs., \$10.00;  $\frac{1}{2}$  ton, \$14.00; ton, \$24.00.

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Use Vigoro Spreader for Fertilizer and Sheep Manure. See page 35

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USE SHEEP MANURE OR QUICK RESULTS

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**Wizard**  
TRADE BRAND MARK  
**Sheep Manure**



**For LAWNS, FLOWERS,  
VEGETABLES and FIELD CROPS**

WIZARD will make your lawn and garden the attraction of your neighborhood. This natural, weedless fertilizer supplies the humus and plant food necessary to make all plants grow and produce pleasing results.

**FOR LAWNS**—Wizard produces thick, velvety green lawns of lasting beauty. It will put new life into your old lawn. Early in the spring apply 10 lbs. to 100 sq. ft., and rake into the surface soil when making new lawns. On old lawns 6 lbs. per 100 sq. ft. will bring about a wonderful improvement.

**FLOWER GARDENS**—Luxuriant growth of healthy, green foliage and a wealth of vivid colored flowers quickly follow the use of WIZARD. Give your plants a chance to develop their real beauty by mixing WIZARD with the soil under new plantings and top dress established plants with 10 lbs. to 100 sq. ft. of soil. Occasional applications of liquid manure will prolong the blooming season. Feed your plants if you want results.

**VEGETABLES and FRUIT**—Every gardener knows that there is nothing better than manure to build up the soil. WIZARD is practical and will produce big crops of crisp, tender vegetables for the early market. WIZARD also improves yield, color and flavor of fruit crops. Use 1000 to 1500 lbs. per acre.

Applications can be made broadcast after plowing and harrowed into the soil at the rate of 1000 to 1500 lbs. per acre. If used in the drill at planting time, use 700 to 1000 lbs. per acre. Side applications later in the season will be found very profitable.

For making potting soil—mix thoroughly one part of Sheep Manure with six parts of soil.

Liquid Manure—for house plants and window boxes is made by mixing one pound of Sheep Manure in 5 gallons of Water. Use twice weekly.

It supplies your soil with large quantity of plant food and organic matter, at the same time making it loose and mellow. It is a natural concentrated manure that gives the soil what it needs to make things grow. It is prepared from especially selected sheep manure, free from inferior matter and rubbish. It is thoroughly dried and sterilized by a special direct heat process, avoiding the danger of weed seeds which are eliminated through the sterilization. WIZARD BRAND has been well known for many years as the most dependable and effective brand of sheep manure.

2 lbs., 15c; 5 lbs., 32c; 10 lbs., 55c; 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$2.95; 500 lbs., \$14.00; 1000 lbs., \$26.00; 2000 lbs., \$50.00.

**WIZARD SHREDDED COW MANURE**

Same price as WIZARD Sheep Manure

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See our complete list of Flower Seeds, pages 28 to 33

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## CASSEL'S DEPENDABLE INSECTICIDES

All Prices on this Page are F. O. B. Lansdale

### DRY LIME SULPHUR

Lime Sulphur has been used for many years for combating San Jose scale when trees are dormant and for summer spray. This Dry Lime Sulphur is effective and more convenient than the lime sulphur in liquid form. Dissolves readily in water and is generally preferred, having given excellent satisfaction. Dilute first with small amount of hot water to dissolve quickly, then add the required amount of cold water. Use  $12\frac{1}{2}$  lbs. in 50 gals. water.

1 lb., 17c; 5 lbs., 80c;  $12\frac{1}{2}$  lbs., (amt. required to make 50 gals.), \$1.85; 25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.00; 200 lbs., \$22.00.

### LIQUID LIME SULPHUR

55 gallons, \$12.25; drums free.

### Dry Mix Lime Sulphur

(N. J. Dry Mix Powder)

100 lbs., \$4.50; 50 lbs., \$2.40; 25 lbs., \$1.30; 10 lbs., 60c; 5 lbs., 35c; 1 lb., 10c.

### MECHLING SCALE OIL

The highest grade Miscible Oil. Will not separate in cold weather, mixes perfectly. Dilute 1 to 25 for red mite and aphids. For San Jose Scale 1 to 22; Evergreens, 1 to 35.

55 gal., \$26.00; 30 gal., \$17.00; 15 gal., \$11.00; 10 gal., \$7.90; 5 gal., \$4.75; 1 gal., \$1.25;  $\frac{1}{2}$  gal., 80c; qt., 55c.

### SLUGSHOT

(Non-Poisonous)

A light, fine powder easily distributed by dusting or may be applied in water by spraying. Sold for many years and is dependable for killing currant and cabbage worms and potato bugs.

1 lb., 15c; 5 lbs., 55c; 10 lbs., \$1.05; 25 lbs., \$2.40; 50 lbs., \$4.65; 100 lbs., \$8.90.

### LIQUID WEED KILLER

Effectively destroys weeds in paths, roads, gutters. Dilute 1 part to 40 parts water.

1 qt., 60c; 2 qts., \$1.10; gal., \$1.75.



**Kill Weeds Easily!**  
**ATLACIDE DUSTER**  
CALCIUM CHLORATE  
SIMPLY SHAKE POWDERED CHEMICAL FROM SIFTER TOP CAN TO KILL ALL VEGETATION IN PATHS, DRIVEWAYS, TENNIS COURTS, ALSO ON FARM LANDS, FACTORY YARDS AND ON RAILROAD TRACKS  
1 lb. size 50¢;  $3\frac{1}{2}$  lb. size \$150

### CARBON-BISULPHIDE

For treating wheat to overcome fly.  
 $2\frac{1}{2}$  lb. cans, 60c.

### TREE TANGLEFOOT

1 lb., 60c; 25 lb., \$11.00.

### FISH OIL SPRAY SOAP

1 lb., 40c; 5 lb., \$1.75; 10 lb., \$2.90.

### GRAFTING WAX

For pruning and grafting purposes. In convenient form, easily handled.

4 oz. pkg., 25c; 8 oz., 45c.

### PARA-DICHLORA-BENZINE

For peach tree borers. Placed around tree, generates gas and kills borers in tree.

1 lb., 70c; 5 lbs., \$3.00.

### TOBACCO POWDER

Extra high quality for dusting, to eliminate Aphids and Plant Lice.

1 lb., 10c; 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.



### RED ARROW SPRAY

A highly concentrated Pyrethrum Soap. Non-poisonous. Will positively not burn, blight or stain the tenderest leaf or flower. Deadly to insects. Especially valuable for destroying aphids or plant lice and Japanese Beetles.

1 oz., 35c;  $\frac{1}{4}$  pt., \$1.00;  $\frac{1}{2}$  pt., \$1.75; 1 qt., \$5.90; 1 gal., \$17.50.

Our Seed Potatoes produce profitable results. See page 42

## CASSEL'S DEPENDABLE INSECTICIDES

All Prices on this page are F. O. B. Lansdale.

### Arsenate of Lead

This is uniform high quality and is extra light and fluffy. This insures good mixing and will remain in suspension a long time. Effective for control of chewing insects. May be used as a wet spray or a dust.

1/2 lb., 20c; 1 lb., 30c; 4 lbs., 85c; 12 lbs., \$2.28; 24 lbs., \$4.32; 48 lbs., \$8.16; 96 lbs., \$15.36.

### Coated Arsenate Lead

For Japanese Beetle. 1 lb., 55c; 2 1/2 lb. jar, \$1.00; 10 lb., \$3.00.

### Arsenate of Calcium

Recommended for Potatoes. 1 lb., 24c; 4 lb., 60c; 12 lb., \$1.56; 24 lb., \$2.88; 48 lb., \$5.28; 96 lb. (in 4-lb. pkg.), \$9.60; 100 lb. (in bulk), \$8.90.

### Magnesium Arsenate

Specially recommended for destroying Mexican Bean Beetle. Less apt to burn foliage than other Arsenate.

2 lb., 60c; 10 lb., \$2.80; 50 lb., \$12.50.

### BLUE STONE

(Copper Sulphate)

In crystal form. This is the highest grade 99 1/2% pure. We have good supply on hand at all times. Market is variable. Ask for prices when ready to buy.

### BORDEAUX MIXTURE

In Dry Form

Mix 8 lbs. to 50 gallons water.

Lb., 25c; 4 lb., 84c; 12 lb., \$2.40; 24 lb., \$4.32; 48 lb., \$7.68; 96 lb., \$14.40.



**"Black Leaf 40"**  
40% Nicotine

Effective material for destroying Aphis on Roses, Sweet Peas, Trees, Plants, Potatoes, etc. A concentrated solution of Nicotine Sulphate, containing not less than 40% of Nicotine. It is perfectly soluble in water, does not clog the nozzle nor corrode the spraying outfit. May be combined with Lime Sulphur, Bordeaux, Hydroxide.

1 oz., 35c; 1/2 lb., \$1.25; 1 lb., \$2.40; 2 lbs., \$3.75; 5 lbs., \$7.00; 10 lbs., \$11.85.

### HYDROXIDE

A Bordeaux Arsenate of Lead mixture in powdered form. Convenient, highly efficient and profitable. It is both an insecticide and a fungicide for preventing bugs and blight and producing vigorous, healthy, continued growth. 6 to 8 lbs. to 50 gallons of water.

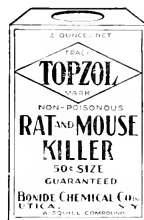
1 lb., 30c; 4 lbs., 90c; 12 lbs., \$2.50; 24 lbs., \$4.80; 48 lbs., \$9.12; 96 lbs., \$17.28.

### LIME FOR SPRAYING

Select quality, packed in air tight drums. Ask for prices.

### HYDRATED LIME

100 lbs., 90c; 50 lbs., 50c. Less than 50 lbs., @ 2c lb. Ask for ton price.



2 oz. can, 50c.

### Commercial Powdered Sulphur

1 lb., 6c; 5 lbs., 25c; 10 lbs., 47c; 25 lbs., \$1.10; 50 lbs., \$1.95; 100 lbs., \$3.60.

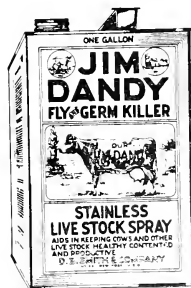
### Flowers of Sulphur

This is the highest quality of sulphur obtainable. 1 lb., 8c; 5 lbs., 37c; 10 lbs., 68c; 25 lbs., \$1.50; 50 lbs., \$2.85; 100 lbs., \$5.50.

### "Jim Dandy" Fly Spray

This has proven effective and is worthy of our recommendation.

Gallon, \$1.40



For dependable Insecticide Sprayers, see page 48

## CASSEL'S DEPENDABLE SPRAYERS

All Sprayer Equipment On This Page Freight or Postage Paid. See Page 1

### BROWN'S AUTO SPRAYERS



Compressed air sprayer. It is strong and simple in construction. Equipped with a clog-proof nozzle, brass or galvanized tank, whichever preferred. Easily operated. Excellent for spraying trees, shrubs or vines with insecticides or oil sprays. Also used for whitewashing and disinfecting poultry houses and greenhouses.

Prices Postpaid. See Page 1.

Brown's Auto-Sprayer—No. 9 D—Galvanized tank, with Auto-pop nozzle, brass spray rod, 4 gal. tank, \$5.90.

Brown's Auto-Sprayer—No. 9 B—Brass tank, with Auto-pop nozzle, spray rod, 4 gal. tank, \$8.75

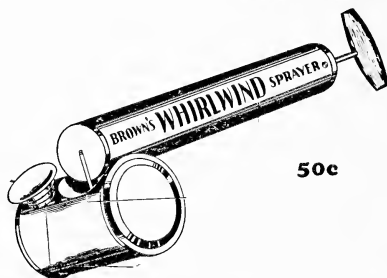
Brown's Auto-Spray No. 50 D, Galvanized tank, with spray rod, \$5.00.

Brown's Auto-Spray No. 50 B, Brass tank, with spray rod, \$7.25.

Brown's Victory Sprayer No. 201 D—\$3.95.

### SINGLE ACTING ATOMIZERS

Whirlwind, Tin Hand Spray .....50c



50c



CRYSTAL DUSTER—\$1.25



### BROWN'S CONTINUOUS AUTO-SPRAY NO. 26

This Atomizer will spray insecticides in a continuous fog of such great volume that it will fill an ordinary room full of vapor in one minute. Handles all insecticides, fly and mosquito exterminators and floor oils.

Tin Pump, Glass Jar, \$1.25



### LIGHTNING COMPRESSED AIR SPRAYER

Strong, durable. 3½ gal. galvanized tank with spray rod. Satisfaction guaranteed. Priced attractively to meet present demand.

**\$3.95**

Postpaid. See page 1



FULL 4-GALLON TANK

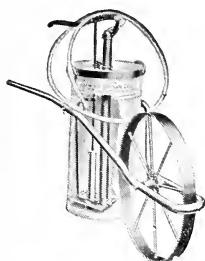
Banner Compressed Air Sprayer. Well built for hard service, easily operated. 4 gal. tank, brass spray rod and automatic nozzle. Satisfaction guaranteed.

Galvanized tank .....\$5.90  
Brass tank .....\$8.75

Use Hydroxide, a dependable Insecticide and Fungicide Spray. See page 47

# CASSEL'S DEPENDABLE FARM AND GARDEN SUPPLIES

Prices On This Page Are F. O. B. Lansdale, Pa.



## AUTO-SPRAY

### No. 3 D.

It is adapted for orchards, vineyards and truck gardens for white-washing poultry houses and dairy barns; spraying stock dips; treating ornamental shrubbery, flowers, etc. \$15.50



## Planet Jr. Seeder—No. 4 D

Plain, as seeder only ..... \$14.25

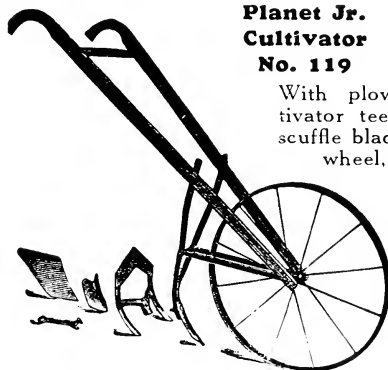
### Planet Jr. No. 4

Combined hill and drill seeder, single wheel hoe, cultivator and plow. Complete, \$18.00.

## Planet Jr. Cultivator

### No. 119

With plow, cultivator teeth and scuffle blade, 24" wheel, \$4.75.



## Hand

### Garden Tools

Made durable in 1-piece pressed all steel.



Set of three .....	55c
Garden Trowels, each .....	20c
Transplanting Trowel .....	20c
Garden Weeder, each .....	20c

## MAGIC WEEDERS

No. BB., 30c; No. A., 15c.

- Asparagus Knives, 55c.
- Asparagus Bunchers, \$3.95.
- Asparagus Tape—See page 2.
- Grass Shears, No. R1108, 5 1/2-inch blade, 55c.
- Weeding Hooks, 3-prong, No. R443T, 12c.
- Gardener's Favorite Weeder, malleable steel. No. R466, 18c.
- Gardener's Favorite Trowel, long handle. No. R445, 22c.
- Gardener's Favorite Fork, long handle. No. R446A, 25c.
- Spading Fork, short handle. No. R444, 10c.
- Pruning Shears, malleable, No. R533R, 50c.

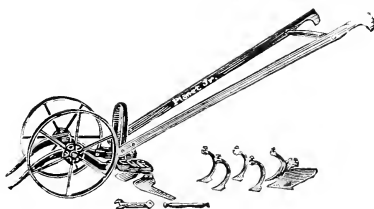
Goodwin Grass Shears, newest and best. No. 20 Jr., \$1.25; No. 10, \$1.75



Star Pulverizer ..... \$3.00

## Planet Jr. Cultivator—No. 17

Single wheel ..... \$7.75

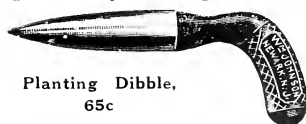


## Planet Jr. Cultivator—No. 12

Double wheel ..... \$10.75

Can Supply other PLANET JR. Tools and Parts on short notice.

72 Page Planet Jr. Catalog free on request.



Planting Dibble, 65c

Our Dependable Lawn Grass Mixtures produce beautiful lawns. See page 35.

**DEPENDABLE BROODERS THAT SAVE THE CHICKS**

## BROODER STOVES

The Brooder Stoves we offer are guaranteed to give satisfaction or they may be returned within five days and amount paid will be refunded.

Prices are F. O. B. Lansdale.



### New Big Royal Brooder Stoves

We highly recommend these Royal Brooders, having sold them for years with excellent results, and they are right priced.

Large coal capacity; burn soft or hard coal or coke. Double draft and automatic thermostat control. Wide rocker grates with ribbed firepots; self-cleaning. Front of canopies hinged for convenience.

#### NEW LOW PRICES

No. 5— 500 Chick Size, 52 inch hover.....	\$14.75
Coal Capacity—44 lbs.	
No. 6—1000 Chick Size, 56 inch hover.....	\$17.90
Coal Capacity—58 lbs.	
No. 7—1500 Chick Size, 60 inch hover.....	\$23.90
Self Feeding Coal Magazine. Coal Capacity—73 lbs.	

### Improved Buckeye Colony Brooders

Extra large coal capacity; burns soft or hard coal. Has double check draft increasing efficiency and eliminating waste of fuel. Revolving hover, thermostat heat control.

No. 118— 500 Chick Size, 52 inch hover.....	\$17.50
No. 119—1000 Chick Size, 56 inch hover.....	\$22.50
No. 120—1200 Chick Size, 60 inch hover.....	\$26.50

### Newtown Brooders

Efficient with soft or hard coal assuring super-abundance of heat. Self-feeding coal magazine insuring correct warmth for every chick. No chilling or overheating.

No. 11— 500 Chick Size, 50 inch hover.....	\$32.50
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### “Rite-Heat” Oil Burning Brooders

Furnished on Special Order.

No. 103—Capacity, 500 Chicks.....	\$29.50
No. 104—Capacity, 1000 Chicks.....	\$33.00

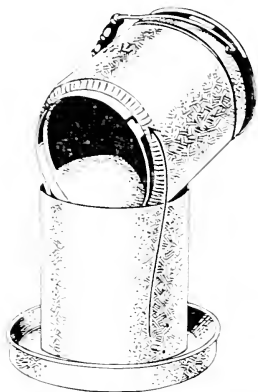
#### Thermometers

For Incubator .....	75c
For Brooder .....	50c
For Brooder, Long Type .....	80c

#### Brooder Wafers

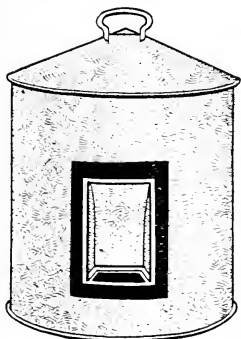
3 inch, each, 50c

For healthy Baby Chicks, use Dependable Chick Starting Food. See page 58.



**Royal Cleanable Thermic Fountain No. 10**

See Illustration—5 gallon size, \$3.75.

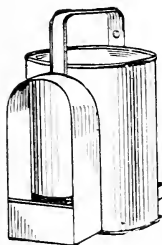


**ROYAL THERMIC FOUNTAINS**

Sanitary, non-freezing. Walls packed with efficient insulating material. Keeps water warm in winter and cool in summer. We guarantee them to give satisfaction or they may be returned to us within

ten days and money will be refunded.

2 gal., \$2.30; 3 gal., \$2.60; 5 gal., \$3.25.  
Special price on half dozen and dozen lots.



**HOODED WALL FOUNTAINS**  
—Galvanized,  $\frac{1}{2}$  gal., 60c; 1 gal., 80c; 2 gal., 95c.

**HOODED CLEANOUT FOUNTAIN**—Galvanized No. 68, 1 gal., 90c; No. 69, 2 gal., \$1.10.

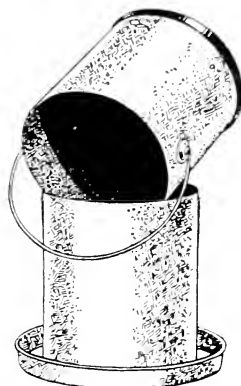
**EARTHEN FOUNTAINS**—Round, with removable top. 1 gal., 65c; doz., \$7.20; 2 gal., \$1.00;  $\frac{1}{2}$  doz., \$5.70; doz., \$10.80.

**Royal Cleanout Fountains**

**Bucket Style**—  
Convenient and desirable. Galv.  $\frac{1}{2}$  doz.

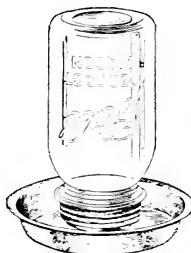
No. 203—3 gal. size, \$1.45 each.

No. 205—5 gal. size, \$1.90 each.



**BUTTERMILK CLEANOUT FOUNTAIN, Bucket Style**—Charcoal Tin—

Charcoal tin insures safety for Buttermilk. No. 303—3 gal. size, \$1.60.



**MASON JAR CHICK FOUNTAINS**

Pan only. Will fit any standard jar. Galvanized or enamel.

10c each; doz., \$1.10.

**MASON JAR BUTTERMILK FOUNTAINS**, made of Charcoal Tin, insuring safety when using for Buttermilk.

Each 12c; doz., \$1.25.

**Felker Handy Jar Fountain No. 242**—25c.

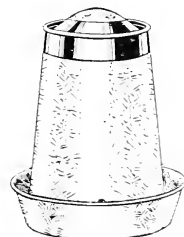
**FELKER FOUNTAINS** — Galvanized, cleanable.

1 qt., 35c; 5 qt., 90c; 10 qt., \$1.25.

**BOTTOM FILL CONE TOP FOUNTAINS NO. 75.**  
—1 gal., 45c each;  $\frac{1}{2}$  doz., \$2.55; doz., \$4.85.

No. 50—2 qt., 37c each,  $\frac{1}{2}$  doz., \$2.10; doz., \$4.00.

No. 25—1 qt., 30c each;  $\frac{1}{2}$  doz., \$1.70; doz., \$3.25.



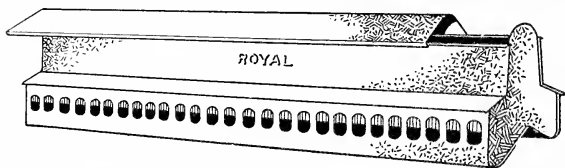
**BOTTOM FILLED MILK FEEDERS**  
No. 76 Charcoal Tin .....48c

Flowers beautify the home. See our selected assortment. Pages 28 to 33.

## CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES

Prices on this page are F. O. B., Lansdale, Pa.

### No Waste Feeder



Just what is needed to economically feed Chick Starter and Growing Mash Foods.

No. 263—36 in. long, 54 holes, 18 qts, \$1.80. No. 284—48 in. long, 72 holes, 24 qts., \$2.35.

### Royal Leader Chick Hopper

Similar to No Waste Feeders illustrated above. Adjustable sides, turned edges on flat feeding holes. Hinge top.

No. 42—24 in. length .....90c  
No. 63—36 in. length .....\$1.40

### New Royal Chick Hoppers

Large Capacity

No. 324—24 inch .....\$1.25  
No. 363—36 inch .....1.85

### Quaker Poultry Feeders

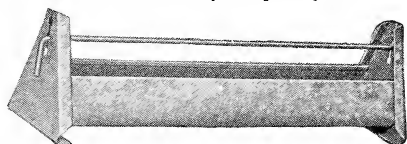
No. 332 .....\$2.95  
No. 334 .....\$3.90  
Quaker Adjustable Chick Feeder.....\$4.25

### Royal Combination Hopper

Similar to No Waste Feeder illustrated above, having flat holes.

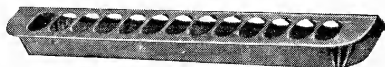
Large Capacity—Adjustable Sides

No. 636—36 in., 26 qt. capacity.....\$2.95  
No. 648—48 in., 35 qt. capacity.....3.95



### Open Chick Trough No. 240

Each 30c; 1/2 doz., \$1.50; doz., \$2.90.



### Galvanized Feed Troughs

Reinforced, convenient and inexpensive. Holes punched in a way that eliminates sharp edges.

No. 224—24 in. long, 40c ea.; dozen, \$4.50  
No. 218—18 in. long, 30c ea.; dozen, \$3.40  
No. 212—12 in. long, 22c ea.; dozen, \$2.40  
Charcoal Tin, 10c each over above price.



### Egg Preserver

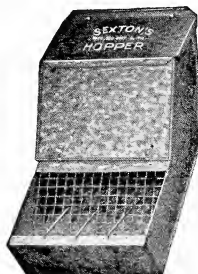
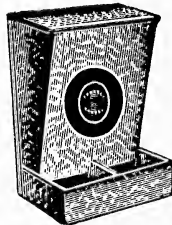
Quart preserves  
20 dozen eggs

Pt., 22c., qt., 38c

### TIN HAND SCOOPS

Wooden handle, \$1.20 each

GRIT AND SHELL  
HOPPERS — Galvan-  
ized. Small, 3 compart-  
ment, 85c; large, 4 com-  
partment. \$1.05.



### SEXTON DRY MASH HOPPERS

Small, 90c; medium,  
\$1.45; large, \$2.35

### COLLINS' OAT SPROUTERS.

Five pan, \$2.50.  
Eight pan, \$3.20.

### FAIRBANKS SINGLE BEAM PORTABLE PLATFORM SCALE No. 1123

Capacity 500 lbs.,  
Beam graduated 50  
by 1/4 lb. Platform  
size 16x25 in. Es-  
pecially desirable for  
farmers' use.

**\$18.50**



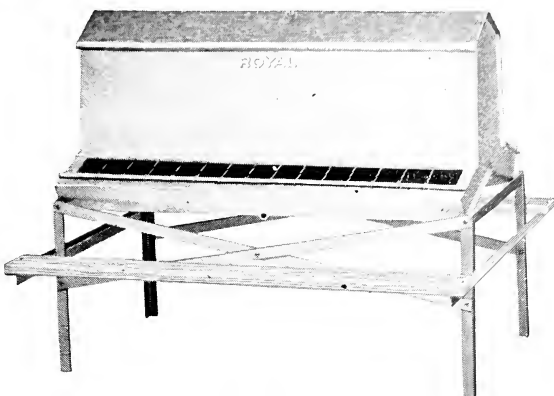
Use Golden Delicious Sweet Corn, the best of the yellow Corns. See page 10.



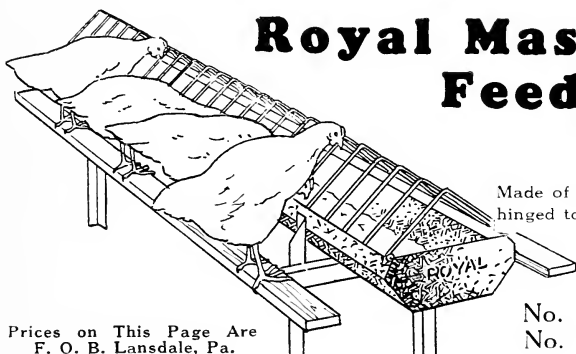
# Mammoth Mash Hopper

Made from heavy galvanized iron to hold 100 lbs. mash food. Stand made of galvanized angle iron with wooden bars for fowls to stand on. Length 36 inches.

No. 8-S—\$7.50



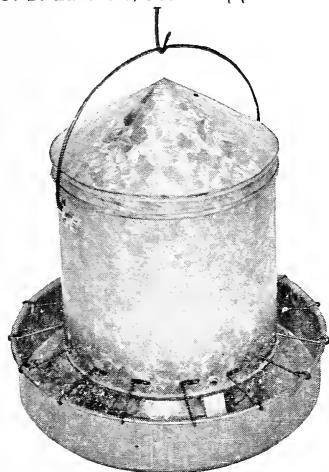
# Royal Mash or Green Feed Trough With Stand



Made of heavy galvanized iron with heavy wire hinged top, easily removed from stand for filling or cleaning. Stand made of heavy galvanized iron with wooden perches.

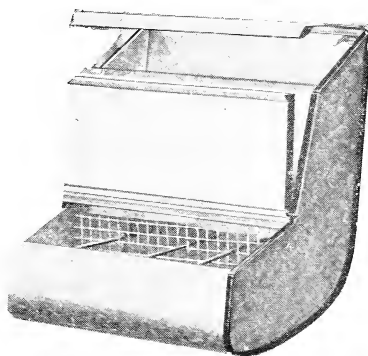
No. 48—4 ft. long.....\$3.25  
No. 60—5 ft. long.....\$3.75

Prices on This Page Are  
F. O. B. Lansdale, Pa.



# Felker Hanging Feeder

No. 332.....\$2.95  
No. 334.....\$3.90



# Royal Mash Hopper

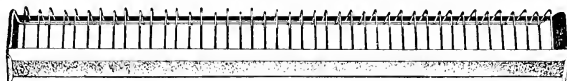
Accurately made of extra heavy galvanized prime sheets, double seamed. Hopper being larger at the bottom than at the top prevents clogging of feed. Has adjustable screen and wire agitators. Holes in back of hopper for hanging on wall. Fowls cannot roost on hopper.

No. 81—12 in. long, 14 qt. ....\$1.70  
No. 82—18 in. long, 22 qt. ....\$1.95  
No. 83—24 in. long, 32 qt. ....\$2.30  
No. 84—36 in. long, 45 qt. ....\$3.75

Our Dried Skimmilk and Buttermilk is excellent. Prices reduced. See page 60.

## CASSEL'S DEPENDABLE POULTRY SUPPLIES

Prices on this page are F. O. B., Lansdale, Pa.



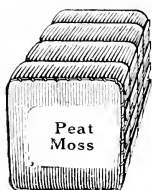
### WIRE TOP FEED TROUGH

No. 44—For Growing Chicks, 44 in. length, adjustable, \$1.65.

No. 204—For Baby Chicks, 24 in., 45c; doz., \$4.75.

No. 306—For Baby Chicks, 36 in., 60c; doz., \$6.25.

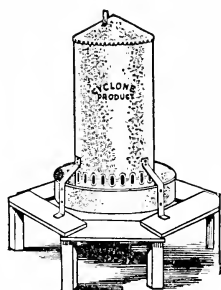
### PEAT MOSS



For Poultry Litter, Lawn and Shrubbery.

Bale, \$2.20.

5 bales @ \$2.10 per bale;  
10 bales @ \$2.00 per bale.

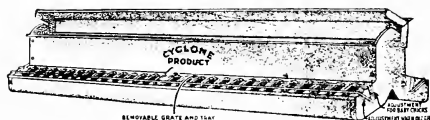


### JUMBO FEEDER No. 1--\$4.75

100 lb. Capacity.

Built for large flocks. Easily filled. Sturdy construction. Has holes at bottom of cylinder so that fowls can pick at feed to prevent clogging. Deep trough prevents wasting. Equipped with handle, cone top, and iron legs.

Stand is not furnished with feeder.

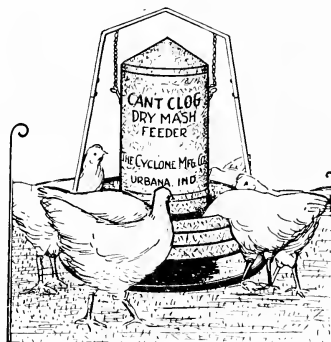


### DEPENDABLE FEEDERS

Water Proof—Adjustable Guard  
Hinge Cover—Moderate Priced

No. 240 C, 40", 30 lb. capacity.....\$1.95

No. 230 C, 30", 21 lb. capacity.....\$1.65



### Can't Clog Dry Mash Feeders

No. 37—32 Qt. Capacity

\$3.40

A most compact and efficient feeder made for the laying hens or matured flock. It takes very little room yet offers over four feet feeding space. So constructed that it won't clog nor allow the hens to waste feed. Substantially built from heavy galvanized iron, and supported by an adjustable channel iron frame.

### CYCLONE FOUNTAINS

#### Cleanout Bucket Style

No. 202 C, 2½ gal \$1.30

No. 203 C, 3 gal. \$1.45

No. 205 C, 5 gal. \$1.90



Handy Scraper—\$1.25

Our Cod Liver Oil is Norwegian, medicinal, vitamin tested. See page 57.

Prices On This Page Are F. O. B., Lansdale, Pa.

## CEL-O-GLASS

For Chicken Houses, Hotbeds, Etc.

Especially desirable for use in raising chicks on account of the Ultra-Violet Rays passing through this material.

Sq. ft., 13c; roll of 25 ft., (75 sq. ft. or over, 12½¢ per sq. ft.

## FLEX-O-GLASS

A coated cloth permitting the Ultra Violet Rays to pass through. Less expensive but not as durable as Cel-o-Glass.

Price 30c per sq. yd.; 10 sq. yds. or over @ 29c per sq. yd.



## Cardboard Egg Boxes

3x4 FLAP COVER, \$7.50 per 1000; \$1.88 per 250; less @ 1c each.

3x4 TELESCOPE LOCK TOP, no string needed, \$8.50 per 1000; \$2.13 per 250, less @ 1c each.



2x6 TELESCOPE LOCK TOP, \$11.50 per 1000; \$2.88 per 250; less @ 1¼c each.

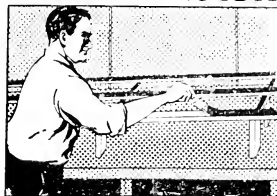
Special printing can be supplied at following prices on which there is a deposit of 25% required at time of placing order.

Extra for special printing on egg boxes—1000, \$1.50; 500 @ 75c M.

## Nest Eggs

Non-breakable, white enameled wood, doz., 55c; each 5c.

## 'PAINT' THE ROOSTS



WITH 'BLACK LEAF 40'

1 oz., 35c; ½ lb., \$1.25; 1 lb., \$2.40; 2 lbs., \$3.75; 5 lbs., \$7.00; 10 lbs., \$11.85.



1 gal., \$1.45; 5 gal., \$6.75; 10 gal., \$12.00; 35 gal., \$37.50; 55 gal., \$53.00.

## Kow Kare

Small cans, 55c; large cans, \$1.00; dozen, \$10.50.

**Bag Balm - - - Can 60c**



A powerful non-poisonous germicide with 10 times the germ destroying power of carbolic acid. Deodorizes and purifies. Highly recommended for Poultry and Dairy use; especially valuable for White Diarrhea in chicks.

10 oz., 60c; qt., \$1.25; gal., \$3.00; 5 gal., \$12.50.

**New Low Prices on Royal Big Brooder Stoves. See page 50.**

## DEPENDABLE POULTRY REMEDIES AND DISINFECTANTS

Prices On This Page Are F. O. B. Lansdale, Pa.

### Lee's Gizzard Capsules for Worms (Adult Size)

50 capsules, \$1.00; 100 capsules, \$1.75;  
250 capsules, \$4.00; 500 capsules, \$7.00;  
1000 capsules, \$12.00.

### (Chick Size)

50 capsules, 50c; 100 capsules, 90c; 250  
capsules, \$2.00; 500 capsules, \$3.50; 1000  
capsules, \$6.00.

### Tobacco Powder

Extra high quality for elimination of large and  
small worms in poultry.

1 lb., 10c; 5 lbs., 40c; 10 lbs., 70c; 25  
lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

### Dr. Hess

#### Poultry Vermitrol

For worms in poultry.  
1½ lbs., 50c; 4 lbs.,  
\$1.25; 25 lb. pails, \$6.25.

### Sterilac

#### Germ Destroyer

2 oz. bottle, \$1.00; 8  
oz., \$2.50; 5 lb. can,  
\$16.75.

### Phenolene

#### Lice Killer - Disinfectant

An extra high quality material for diluting  
with water.

Pt., 40c; qt., 60c; gal., \$1.35; 5 gal.,  
\$6.50.

### No. 1 Coal Tar Dip and Disinfectant

A disinfectant and lice killer of a Creosote  
base. When water is added will make milk white  
solution. Phenol co-efficient 4 to 6. 1 part to  
100 parts water as a germicidal solution.

1 qt., 50c; 1 gal., \$1.25; 5 gal., \$5.50.

### Dr. Hess Instant Louse Killer

Package, 25c

#### Reliable Insect Powder

This we believe is the most  
effective insect powder although  
cost is higher than the ordinary  
powders. It can always be de-  
pend upon for the destroying  
of chicken lice.

Lb., \$1.00; ½ lb., 55c; ¼  
lb., 35c.

### CARBOLA

A disinfecting whitewash.

5 lbs., 75c; 10 lbs., \$1.20; 25 lbs., \$2.50;  
50 lbs., \$4.50; 100 lbs., \$8.00.



### Dr. Hess Poultry Pan-a-min

Keeps hens in healthy  
condition.

3 lbs., 50c; 7 lbs.,  
\$1.00; 12 lbs. and over  
@ 10c lb.; 100 lb. drum,  
\$9.00.

### Pratt's Poultry Regulator

25c and 50c pkgs.; 6  
lbs. and over @ 10c lb.;  
100 lb. drum, \$9.00.

### Multum in Parvo Poultry Powder

For cholera and Roup in eyes and head. An  
excellent conditioner. Sold for many years with  
excellent results.

Lb., 50c; 6 lb., \$2.70.

### Cassel's Roup Preparation

Effective, dependable, especially when throat  
is affected. Dissolve in drinking water. Sold  
for many years with excellent results.

Lb., 60c; 6 lbs., \$3.30.

### Dr. Hess

#### Poultry Tablets

For colds, sneezing, water dis-  
charge from nostril, heads and  
eyes swollen. Use in drinking  
water. Pkg., 50c.

### Conkey's Pills

For simple colds.  
Pkg., 25c.

### Lee's Germozone (liquid)

12 oz. bottle, 75c; 32 oz. bottle, \$1.50;  
½ gal., \$2.50; 1 gal., \$4.50.



### Dr. Hess

#### Chick Tablets

A Bowel Astringent

Small pkg., 50c; large  
pkg., \$1.00.

### Conkey's Diatex

An intestinal astringent  
especially valuable for baby  
chicks.

25c and 50c pkgs.

Peat Moss is excellent for Poultry Litter. Prices greatly reduced. See page 54.

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**CHICK MANNA STARTS CHICKS RIGHT**

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# **CASSEL'S F. P. C. CHICK MANNA**

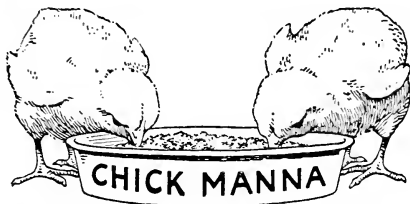
For Starting

## **Chicks - Turkeys - Pheasants - Ducks**

Produces Quick Growth  
Strong Development

Insures Success and Profit

This is the original, especially prepared First 10 Days Food for starting Baby Chicks, Turkeys, Pheasants and Ducks, strong, healthy and vigorous. It is distinctly different from other chick feeds.



It is a clean, wholesome, nutritious, honest food, being prepared with great care as to quality and quantity of each article that is used in the makeup, and has so fully met the needs of the chicks that the formula has never been changed since first manufactured in 1884.

### **The Standard Baby Chick Food Since 1884**

Baby Chicks' delicate digestive organs require a special prepared food properly balanced to meet the entire needs of their little bodies during the most critical period.

It regulates and strengthens chicks' fine, tender digestive organs and aids in the prevention of those fatal attacks of bowel trouble and other chick ailments. It comprises a variety of nutritious foods and health-preserving properties, so proportioned and combined as to be peculiarly adapted to promote health, quick growth and strong development which means profit in broilers and early layers and makes winning show birds. Especially valuable for raising chicks in Winter and Early Spring.

### **"They Like It and Thrive Wonderfully on It."**

Chick Manna is an economical food in that it accomplishes its purpose in giving chicks a strong, healthy, vigorous start if fed for the first 10 days, during which time chicks eat a small amount of food.

### **For Feeding Dry or Moistened**

Feeding Chick Manna will cost about 1 cent per chick for the first 10 days to start them right. The saving of 50 chicks should more than pay the cost of enough to feed about 1000 chicks for the first 10 days.

Five pounds should feed about 75 chicks for the first week; 60 pounds about 900 chicks; 100 pounds about 1,500 chicks, and 500 pounds about 7,500 chicks for the first week.

100 lbs., \$4.90; 50 lbs., \$2.65; 25 lbs., \$1.50; 15 lbs., \$1.25; 5 lbs., 50c; 3 lbs., 32c; 1 lb., 12c.

**Always Dependable—Satisfaction Guaranteed or Money Back**

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## **COD LIVER OIL**

Vitamine Tested, Steam-Refined, U. S. P., Norwegian, Highest Medicinal Quality that is sold for human use, pale straw color. This is the quality we recommend.

Pt., 35c; Qt., 55c; Gal., \$1.60; 10 Gal., at \$1.45 per Gal., in customer's cans; tin lined barrel of 30 gals., \$39.00. Barrel free.

Vitamine Tested, U. S. P., Norwegian, for Poultry—Pale straw color. \$1.40 per gal.; 10 gal. at \$1.25 per gal. in customer's cans; barrel of 30 gal., \$34.00. Barrel free.

TIN CANS—For packing Cod Liver Oil—1 qt. size, 10c; 1 gal. size, 15c; 5 gal. size, plain, 40c; crated, 70c.

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See our assortment of Mixed Grains for Pigeons on page 61.

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**CASSEL'S CHICK STARTER IS DEPENDABLE**

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# **"DEPENDABLE" CHICK STARTING FOOD**

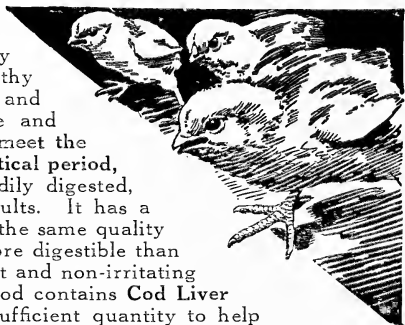
**For Chicks—Turkeys—Pheasants—Ducks**

**Contains Cod Liver Oil, Buttermilk and Necessary Minerals**

**100 lbs., \$3.45; Ton, \$67.00**

**Feed dry for the first 6 to 8 weeks**

This food is composed of just the right combination of wholesome and nutritious food materials carefully selected, of the highest qualities, properly balanced to give the baby chicks the strong, healthy vigorous growth, protecting them from disease and aiding in preventing the dreaded bowel trouble and other chick ailments. It is a complete food to meet the entire needs of the Baby Chick during the most critical period, containing necessary minerals and vitamins, readily digested, and has proven to produce most satisfactory results. It has a liberal portion of pure table quality Oatmeal, just the same quality that is given to children in the home. This is more digestible than any other grain product (96% available); it is soft and non-irritating and a valuable muscle builder. Then, too, this food contains Cod Liver Oil, rich in Vitamins, the U. S. P. quality, in sufficient quantity to help assimilate the other foods and aid in the prevention of Rickets, leg weakness and toe picking, and furnishes nourishment to build strong, healthy bodies. Cod Liver Oil is especially important when raising chicks during winter and early spring as it has same effect as sunshine.



The high quality Buttermilk and Skim Milk are appetizers, rich in protein and valuable lactic acid which aids in digestion and keeps the tender digestive organs clean and healthy, and builds flesh. Aids in preventing Coccidiosis. Sterilized Steamed Bone provides the elements needed for the development of bone and nerve. Only specially selected quality corn is used in its make-up and we secure this from sections that have produced the best available quality. The Middlings are selected especially for adaptability for baby chicks, rich in vegetable protein.

In addition to these ingredients mentioned, it contains high grade meat, fish meal, sulphur, calcium carbonate and anise seed. Uniformly and thoroughly mixed, with the high quality and careful preparation constantly maintained, backed by our 47 years' experience and reputation in the making of baby chick feeds that have been the standard since 1884.

You are assured of this food being fresh mixed, which is so important in feeding baby chicks to secure successful results. Chick starters that have been carried over from stock of a previous season should be avoided. Having this fresh mixed nearby is a decided advantage over western ready-mixed chick starters.

## **SPECIAL STARTING FOOD MIXTURE FOR COCCIDIOSIS**

For the convenience of our customers, in overcoming Coccidiosis, we can supply the following mixture which we recommend as the proper amount of milk needed:

**65 lbs. Dependable Chick Starting Food with addition of 35 lbs. DRIED BUTTERMILK—100 lbs., \$4.32.**

We advise using Our Mixed Cracked Grains for chicks in connection with Dependable Starter—see opposite page.

All prices on this page are F. O. B. Lansdale. Bags Free.

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**For Green Feed sow Chicken Lettuce, Grows 3 ft. high, Leafy—See page 15**

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## **Dependable Chick Growing Mash Food**

Contains Cod Liver Oil, Buttermilk and Necessary Minerals  
Develops Chicks Strong and Sturdy Into Heavy Egg Producers  
Quality Unsurpassed

100 lbs., \$2.95; ton, \$57.00

This growing food is prepared with the same special care and uniform selected quality and mixing as our starters and made only from the most carefully selected high grade materials, low in fiber, balanced in right proportion to give vigor and energy and to provide that which is needed for rapid, strong development of muscles, bone and vital organs and to produce rich blood, firm flesh and good plumage, resulting in strong, husky, healthy, fully matured pullets ready for large egg production.

You may always be sure that the quality of this Dependable Growing Mash Food is of the highest, wholesome and nutritious, and pullets fed on this good ration grow into good layers of eggs that are well formed and excellent for hatching, if the feeding of Dependable quality feeds is continued.

The contents of this food is just what is needed, with plenty of minerals and vitamins: Buttermilk, Cod Liver Oil, U. S. P. quality, rich in vitamins; table quality Oatmeal, the same as is bought for family use; Skim Milk, Corn Meal, Pure Wheat Middlings, Meat, Fish, Sterilized Steamed Bone and other nutritious health producing materials

After having started your chicks on our high grade starter, it is important to continue their growth and development by feeding this Growing Mash of unsurpassed quality. Feed this from the time you discontinue the starter until changing to Dependable Egg Mash.

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### **Special Growing Mash Mixture for Coccidiosis**

For the convenience of our customers in overcoming Coccidiosis we can supply the following mixture which we recommend as the proper amount of milk needed.

65 lbs. Dependable Chick Growing Mash Food with addition of 35 lbs. Dried Buttermilk—100 lbs., \$4.00.

---

### **Mixed Cracked Grains for Chicks**

100 lbs., \$2.60; ton, \$50.00

Use this in connection with Starting Food for about five weeks. The materials are all of high quality, strictly sound and sweet, which is so important to the successful raising of chicks. Contains no grit, no shell or screenings, which may be procured at a less cost than chick feed. Thoroughly recleaned.

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### **Mixed Grains for Developing Chicks**

100 lbs., \$2.50; ton, \$48.00

Use in connection with Growing Mash after chicks are four to five weeks old and continue for three months. Contains only sound quality materials, properly balanced for quick growth. No shell, grit, or screenings. Thoroughly recleaned.

All prices on this page are F. O. B. Lansdale. Bags Free.

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**Our Crushed Oyster Shells are clean, graded three sizes, quality unsurpassed.**

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## CASSEL'S DEPENDABLE POULTRY FEEDS

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All Prices on this page are F. O. B. Lansdale. Bags Free.

# Dependable Egg Mash Food

Contains Cod Liver Oil, Buttermilk and Necessary Minerals  
Keeps Hens Healthy and Increases Egg Production  
Superior Quality—Profitable Results

100 lbs., \$2.75; ton, \$53.00

If profitable egg production is wanted, hens must be fed on the right egg forming food materials. Dependable Egg Mash Food is composed of 20 high quality selected ingredients properly balanced with the right kind of needed minerals and vitamins and both animal and vegetable protein which may be easily assimilated for abundant egg production and is eagerly eaten by the hens, thus keeping them in a healthy, vigorous condition.

Contains only high grade materials. The COD LIVER OIL is rich in Vitamines, U. S. P. quality; fine ground Oatmeal which is so essential is of the table quality; Buttermilk and Skim Milk as an appetizer and to supply lactic acid to keep the digestive organs clean and healthy; Alfalfa Meal for vegetable protein and rich in natural minerals; Fish and Meat for animal protein; Special Pure Wheat Middlings and other nutritious, health producing materials.

Our customers have been reporting most excellent results and we do not believe there is a higher quality of Egg Mash Food offered on the market. It is entirely a quality feed and the price at which we offer it is reasonable.

For more eggs and healthy hens, keep DEPENDABLE EGG MASH FOOD before your hens at all times.

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## MIXED GRAINS FOR POULTRY

### Formula No. 1

100 lbs., \$2.45; ton, \$47.00

Comprises a variety of sound selected grains properly balanced for a Scratching Feed, containing a limited amount of Cracked Corn. No shell, no grit, no screenings. Recleaned to remove dust, hulls and fine materials.

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## MIXED GRAINS FOR POULTRY

### Formula No. 2

100 lbs., \$2.35; ton, \$45.00

A Scratch Feed made of sound grains with a liberal quantity Cracked Corn. Contains Oats which our No. 1 Formula does not include. No grit, no shells. Recleaned.

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## Condensed Buttermilk

Our stock is of highest quality, uniform and NOT LUMPY. Easily and quickly mixed with water.

In barrels at \$3.75 per 100 lbs.

1/2 bbl. @ \$4.25 per 100 lbs.,—1/4 bbl. @ \$4.95 per 100 lbs.

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### Flake Dried Butter Milk

Our Dried Buttermilk is a superior quality which is uniform and fresh, coming direct from a reliable creamery.

100 lbs., \$5.95

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### Flake Dried Skim Milk

This is selected high quality from reliable source which we receive direct from creamery, packed in moisture proof bags to prevent caking.

100 lbs., \$5.60

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Chick Manna—the first special prepared Baby Chick Food. Originated 1884.

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## Dependable Mixed Feeds For Pigeons

All our mixed feeds offered below consist of strictly high quality feeds, properly balanced, and are thoroughly re-cleaned before being bagged, thus removing hulls, dust and fine material.

Our success in the preparation of mixed foods for pigeons, chicks and poultry is built on our earnest endeavor to give the highest quality materials in all our high-grade mixtures. Less than 100 lbs., slightly higher. Prices subject to change.

All Prices on this page are F. O. B. Lansdale. Bags Free.

### Mixed Grains for Pigeons

FORMULA "WP"

Contains: Whole Corn, Wrinkled Peas, Kaffir, Millet, Hemp, Flax, Hard Wheat.  
100 lbs., \$2.70; ton, \$52.00

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### Mixed Grains for Pigeons

FORMULA "NC"

Contains: Canadian Peas, Kaffir, Millet, Hemp, Hard Wheat.  
100 lbs., \$2.85; ton, \$55.00

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### Mixed Grains for Pigeons

FORMULA "FC"

Excellent for Racing Birds. Contains: Flint Corn, Canadian Peas, Kaffir, Oat Groats, Vetch, Hemp, Hard Wheat, Millet.

100 lbs., \$2.90; ton, \$56.00

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### Mixed Grains for Pigeons

FORMULA "DC"

Contains: White Peas, Hemp, Kaffir, Hard Wheat, Domestic Corn.

100 lbs., \$2.75; ton, \$53.00

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### Foust's Health Grit

For Pigeons—100 lbs., \$1.75

### Red Cross Grit

For Pigeons—100 lbs., \$2.10

Our customers take no risk when buying from us, as all merchandise we sell must please you or you may return it within 5 days from date of purchase and amount paid will be refunded.

## Cassel's "Dependable" Feeds

Current Prices—Feb. 21, 1931

(ALL FEEDS ARE OF BEST QUALITIES)

The market on Feed is variable, therefore, prices given on this sheet are values at the time of going to press, and are strictly subject to change without notice; also subject to our confirmation and stock being unsold on receipt of order. Ask for firm quotations when ready to buy. All bags are included without extra charge and prices are f. o. b. Lansdale. Terms cash at time of getting feed. On quantities of less than 100 lbs. prices are slightly higher. Ton prices on request.

	100 lbs.		100 lbs.
Pinhead Cut Oatmeal .....	\$2.75	Beef Scrap 50% protein .....	\$2.75
Oat Groats .....	2.75	Beef Scrap 55% protein .....	2.95
Rolled Oats .....	2.75	Bone Meal—Sterilized Steamed .....	3.25
Fine Ground Oatmeal .....	2.75		
Wheat—Hard .....	1.80	Oil Cake Meal .....	2.55
Wheat Bran .....	1.50	Cottonseed Meal .....	2.40
Wheat Middlings .....	1.60	Beet Pulp .....	
Corn—Recleaned .....	1.75	Bird Millet—Red and yellow.....	3.25
Cracked Corn .....	1.85	Bird Vetch .....	5.50
Corn Meal .....	1.85	Hemp Seed .....	3.10
Flint Corn .....	2.80	Sunflower—lb., 11c .....	8.00
Gluten .....	2.20	Rape Seed—lb., 9c .....	7.00
Kaffir .....	1.95	Flax Seed—lb., 12c .....	9.00
Oats—Heavy .....	2.00	Canary Seed—lb., 11c .....	8.00
Chopped Oats .....	2.05	Canary Mixture—lb., 11c .....	8.00
Alfalfa Leaf Meal .....	3.00	Thistle or Niger—lb., 25c .....	
Buckwheat .....	2.50	Poppy or Maw—lb., 22c .....	
Barley .....	2.10	Silver Bird Gravel—lb., 4c .....	2.50
Rice .....	3.50	Oyster Shell—3 sizes .....	1.00
Canadian Peas .....	3.50	Oyster Shell Meal .....	.70
Wrinkled Peas .....	3.25	Mica Crystal Grit—3 sizes .....	1.00
Blatchford's Calf Meal .....	5.60	Red Cross Grit for pigeons .....	2.10
Rabbit Pellets .....	3.50	Foust Health Grit for pigeons.....	1.75
Rabbit Feed .....	2.80	Charcoal—4 sizes .....	2.75
Ground Limestone .....	1.00	Charcoal—lump @ 6c lb. ....	4.50
Fish Meal, 55% protein .....	3.70	Salt—Feeding .....	1.25
Manamar .....	5.80	Salt—Free Running Table .....	2.20
		Salt—Rock @ 3c lb. ....	2.50
		Salt Bricks—25c each—doz. ....	2.65
		Salt Spools for Rabbits—6c each.....	

## Celluloid Legbands

Assorted colors, Leghorn, Rock and Duck sizes, 50c per 100; 50 @ 30c; 25 @ 20c; less than 25 @ 1c each.

Turkey Leg Bands—1.00, 75c; 50, 40c—Less 1c each.

Pigeon and Chick sizes. 35c per 100; 50 @ 20c; less at ½c each.

## Economy Colored Pigeon Bands

Double numbered. 100 (50 pairs) \$1.40;  
less than 50 (25 pairs) @ 2c per band.



We are equipped to mix customers own formula feeds. See inside back cover.

**SEE PAGE 1 FOR FREIGHT AND POSTAGE PAID OFFER**

[illegible]

**SPECIAL NOTICE:** We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Market Gardeners or Truck Farmers among your acquaintances. We wish to send them our ANNUAL CATALOG.

[illegible]

TO CASSEL'S SEED STORE

**LANSDALE, PA.**

STREET \_\_\_\_\_ R. F. D. NO. \_\_\_\_\_

POST OFFICE \_\_\_\_\_ STATE \_\_\_\_\_

SEND BY \_\_\_\_\_ AMOUNT ENCLOSED \$ \_\_\_\_\_

[illegible]

**CUT ALONG THIS LINE**

# SPECIAL NOTICE TO POULTRY RAISERS

We are well equipped to efficiently mix customers own formulas of feeds for which no extra charge is made. Our qualities are absolutely the best, and our customers are privileged to see just what goes into the mixtures. The feed is thoroughly mixed and the grain feed is re-cleaned after being mixed before being bagged, avoiding dust and dirt. An important fact is that our feed mixtures are re-weighed after being mixed and bagged so as to avoid any possibility of an error or oversight during the weighing out of the various materials entering into the mixture.

The use of Cod Liver Oil makes fresh mixing very important which also applies to other feeds and which results in a greater desire on the part of the poultry for these fresh mixed feeds over the western mixed feeds which of necessity are mixed several weeks to several months before being fed to the chickens.

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## SEED PLANTING GUIDE

### Vegetable and Flower Seeds

Based on favorable spring weather conditions.

**FEBRUARY**—House or hotbed. Early Cabbage, Cauliflower, Pepper, Egg Plant, Tomato, Chinese Celery Cabbage.

**MARCH**—House or hotbed. Lettuce, Parsley, Radish, Kohl Rabi, Celery, Muskmelon, Cucumber, Flower Seeds. Cold frames: Beets, Cabbage, Celery, Cauliflower, Head Lettuce, Parsley, Radish, Kohl Rabi, Carrot, Onion. In open ground: Sweet Peas, Smooth Early Peas, Radish, Early Potatoes, Lettuce.

**APRIL**—In open ground: Asparagus, Asparagus Roots, Beet, Broccoli, Brussels Sprouts, Carrot, Celeriac, Celery, Chicory, Chinese Cabbage, Corn Salad, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Onion, Onion Sets, Parsley, Parsnip, Early Peas, Rhubarb Roots, Radish, Sorrel, Spinach, Swiss Chard, Turnip, Dandelion, Collards, Potatoes, Horse Radish Roots, Mustard, Rhubarb Roots, Lawn Grass Seed.

**MAY**—Asparagus Seed, Bush Beans, Pole Beans, Lima Beans, Peas, Sweet Corn, Muskmelon, Watermelon, Parsnips, Pumpkin, Squash, Cucumber, Salsify, Chicory, Okra, Peanuts, Sweet Potatoes, Herbs, Mangel Beets, Broom Corn, Winter Cabbage, Cauliflower, Rhubarb, Pepper Plants, Tomato Plants, Flower Seed, Gladiolus, Cannas, Dahlias, Tuberoses, Caladiums, Peonies, Nasturtium.

**JUNE**—Cress, Kale, Kohl Rabi, Lettuce, Summer Radish, Chicory, Winter Beans, Carrots, Chinese Cabbage, Gladiolus.

**JULY**—Bush Beans, Winter Beets, Lettuce, Turnip, Ruta Baga, Winter Radish, Spinach, Endive, Late Peas, Cabbage Plants, Gladiolus.

**AUGUST**—Kale, Mustard, Winter Radish, Spinach, Perennial Flowers.

**SEPT. AND OCT.**—Asparagus Roots, Rhubarb Roots, Winter Onion Sets, Corn Salad, Spinach, Peonies, Hyacinths, Tulips, Crocus, Narcissus.

## Farm Seeds

**MARCH**—Red Clover, Alsike, White Blossom Sweet Clover, Timothy.

**APRIL**—Potatoes, Oats, Spring Rye, Spring Wheat, Speltz, Canadian Field Peas, Barley, Spring Vetch, Blue Grass, Herd Grass, Dwarf Essex Rape.

**MAY**—Sudan Grass, Soja Beans, Cow Peas, Sorghum or Amber Cane, Field Corn, Popcorn.

**JUNE**—Millets.

**JULY**—Buckwheat, Sand or Hairy Winter Vetch, Crimson Clover.

**AUGUST**—Timothy, Clover, Alsike, Permanent Grass Mixtures.

**SEPTEMBER**—Timothy, Winter Rye, Winter Wheat.

If you have previously received another copy of this catalog, please pass this on to your neighbor.

# Seeds—Poultry and Farm Supplies—Feeds

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